# Working Together to Modernize Planning



JUNE 2 - 4, 2015, Atlanta, GA

Delivering sustainable solutions to America's water resource challenges.

Our People, Process, Projects and Program





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Welcome to Atlanta! We hope you take full advantage of this learning and networking opportunity.

This workshop is a Community-wide training event for the USACE Planning Community of Practice. The focus of the training is "Working Together to Modernize Planning." This 3-day workshop will consist of large group presentations and discussion, exercises, and break-out sessions.

The training will provide District-level Planning leaders with the tools, information, and skills necessary to deliver timely, cost-effective and high quality essential water resources solutions. The training will emphasize the practices, policies and procedures that are being implemented by the Planning Community of Practice in support of Planning Modernization and Civil Works Transformation. Participants are expected to bring back materials, information and key training tools to colleagues in their District/MSC.

Plenary Sessions will address critical issue areas to the Planning Community, while breakouts will offer hands-on training and experiences, emphasizing the practices, policies and procedures necessary to address key obstacles to realizing our Campaign Plan goals for the Planning Community. Breakout sessions are organized along three themes identified at the 2014 Planning Summit as keys to achieving Planning Modernization: 1) Delivering on our Commitments – Project Delivery and the Planning Program; 2) Aligning Expectations – Decision-Making Roles and Responsibilities; and, 3) Sustaining Planning – Supporting and Building Planner Capability.

We hope you learn a lot this week and share what you have learned with your colleagues, project sponsors and stakeholders back home.





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TUES 6.2.15	DELIVERING ON OUR COMMITMENTS	ALIGNING EXPECTATIONS	SUSTAINING PLANNING CAPABILITY	
7:30am- 8:30am	H	<b>REGISTRATION OPEN</b> Iallway Posters & Learning Station	s	
8:30am- 10:00am		ENARY: CIVIL WORKS PLANNING I CEO MG Peabody, DCW Mr. Stev [SAM NUNN C/D]		
10:00am- 10:15am		Break		
10:15am- 11:15am	Understanding the Breadth of the Planning Portfolio [ MLK BUILDING A-1 ]	Review Roles & Responsibilities [ MLK BUILDING A-3 ]	Workforce Development Mentoring, Planner Career Roadmaps and Training [SAM NUNN C/D]	
11:15am- 11:30am		Break		
11:30am- 12:00pm	THE NORTH ATLANTIC COAST COMPREHENSIVE STUDY THROUGH THE LENS OF PLANNING MODERNIZATION — Ms. Roselle Henn [SAM NUNN C/D]			
12:00pm- 1:30pm		Lunch		
1:30pm- 2:30pm	RISK INFORMED DECISION MAKING — Dr. Charlie Yoe [SAM NUNN C/D]			
2:30pm- 3:00pm	Bred	ak and Visit Posters/Learning Stati	ions	
3:00pm- 4:00pm	Building the Planning Portfolio: New Start Selection Process, ASA(CW) Perspective, and J-Sheet Development [MLK BUILDING A-1]	District Quality Control and Agency Technical Review: What You Should Know	Using the Risk Register and Decision Management Plan to Understand and Communicate Risk and Uncertainty  [SAM NUNN C/D]	
4:00pm- 4:15pm		Break		
4:15pm- 5:15pm	LESSONS LEARNED IN RISK MANAGEMENT IMPLEMENTATION FOR DIVISION, BRANCH, AND SECTION CHIEFS — Dr. Charlie Yoe [SAM NUNN C/D]			
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PLANNING SMART BUILDING STRONG



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WED 6.3.15	DELIVERING ON OUR COMMITMENTS	ALIGNING EXPECTATIONS	SUSTAINING PLANNING CAPABILITY
8:00am- 8:30am	H	lallway Posters & Learning Station	os .
8:30am- 9:30am	VIEW FROM V	VASHINGTON — Mr. Doug Lamon [SAM NUNN C/D]	t, OASA(CW)
9:30am- 9:45am		Break	
9:45am- 10:45am	The First 90 Days of a New Feasibility Study [SAM NUNN C/D]	Understanding the 3x3x3 Rule and Exemption Process [MLK BUILDING A-2/3]	Moving from Flood and Coastal Storm Damage Reduction to Risk Management
10:45am- 11:00am		Break	
11:00am- 12:00pm	Keeping up with Policy [ MLK BUILDING A-1 ]	Lessons Learned in Concurrent Review and Issue Resolution Process Strategies [SAM NUNN C/D]	Building the Project Management Plan and P2 Tasks based on the Risk Register and Decision Management Plan [MLK BUILDING A-2/3]
12:00pm- 1:30pm		Lunch	
1:30pm- 2:30pm		: PERSPECTIVES & INTEGRATION AG Ink, Mr. Eric Halpin, Mr. John Cline [SAM NUNN C/D]	
2:30pm- 3:30pm	Bred	ak and Visit Posters/Learning Stat	ions
3:30pm- 4:30pm	Habitat Mitigation Planning, Monitoring and Adaptive Management in a 3x3x3 Environment [MLK BUILDING A-1]	Making, Documenting and Sharing Decisions [SAM NUNN C/D]	Virtual Teaming: Tools, Techniques, Tips and Etiquette [ MLK BUILDING A-2/3 ]
4:30pm- 4:45pm		Break	
4:45pm- 5:15pm	AS	SK A LEADER AND HOT TOPICS Q &	. A
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# WORKING TOGETHER TO MODERNIZE PLANNING

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THUR 6.4.15	DELIVERING ON OUR COMMITMENTS	ALIGNING EXPECTATIONS	SUSTAINING PLANNING CAPABILITY
8:00am- 8:30am	н	allway Posters & Learning Station	s
8:30am- 9:30am	CRIT	ICAL THINKING — Dr. Monique Tu [SAM NUNN C/D]	rner
9:30am- 10:00am	Bred	ak and Visit Posters/Learning Stati	ons
10:00am- 11:30am	Environmental Compliance and Interagency Coordination and Communication in a 3x3x3 Environment [MLK BUILDING A-1]	Critical Thinking and Its Application [ MLK BUILDING A-2/3 ]	More than a Report: Telling the Planning Story to Multiple Audiences
11:30am- 1:00pm		Lunch	
1:00pm- 2:00pm	Large Scale Studies: Succeeding with Feasibility, Watershed, and Comprehensive Studies [ MLK BUILDING A-1 ]	How to Effectively Write and Respond to Review Comments [MLK BUILDING A-2/3]	The National Water Resources Certified Planner Program and Agency Technical Review Certification [SAM NUNN C/D]
2:00pm- 2:30pm	Bred	ak and Visit Posters/Learning Stati	ons
2:30pm- 3:15pm		NG TOGETHER TO MODERNIZE PLA Harper, Mr. Wes Coleman, Ms. S [SAM NUNN C/D]	
3:15pm- 4:00pm		THE CORPS PLANNING PROGRAM Tab Brown, Chief HQ Policy & Plo [SAM NUNN C/D]	
		THE CHAIN	A

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### Working Together to Modernize Planning

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#### Our Thanks to ALL who made the 2015 PCoP Training a success!

#### **OUR PLENARY SPEAKERS -**

for sharing your experiences and vision

- BG C. David Turner
- MG John Peabody
- Steve Stockton
- Tab Brown
- Bob Bank
- Andrea Bias-Streat
- John Cline
- Wes Coleman
- Eric Halpin
- Brian Harper
- Roselle Henn
- Sue Hughes
- Doug Lamont
- Bob Leitch
- Monique Turner
- Charlie Yoe

#### OUR WORKSHOP PLANNING COMMITTEE – for hours going above and beyond

- Jodi Creswell, Workshop Lead
- Trish Anslow
- Dave Combs
- Janet Cote
- Angie Dunn

- Kathleen Evans
- Stephanie Groleau
- Sue Hughes
- Jim Hutchison
- Mike Magley
- Kim Otto
- Wilbert Paynes
- Jerica Richardson
- Erin Rooks
- Jeff Trulick
- Laura Vicinie
- Maria Wegner
- SAD's DA Interns and the PA Class of 2015 for onsite assistance this week

### OUR 61 BREAKOUT SESSION PRESENTERS AND

TRAINERS – who are sharing their lessons learned in Planning Modernization and building a stronger Planning Community every day

- Cindy Barger
- Tomma Barnes
- Ken Barr
- Larry Cocchieri
- Wes Coleman
- Tammy Conforti

- Mark Cowan
- Travis Creel
- Jodi Creswell
- Angie Dunn
- Martin Durkin
- Steve Fischer
- Naomi Fraenkel
- Amy Frantz
- Jerry Fuentes
- Miki Fujitsubo
- Jeanette Gallihugh
- Stephanie Groleau
- Evie Haberer
- Melissa Hallas
- Eric Halpin
- Charlie Hanneken
- Brian Harper
- Cliff Jones
- Lisa Kiefel
- Camie Knollenberg
- Steve Kopecky
- Mark Kramer
- Jeremy LaDart
- Maria Lantz
- Bob Leitch
- Jeff Lin
- Andy MacInnes
- Judy McCrea
- Rachel Mesko
- Karen Miller

- Heather Morgan
- Dave Moser
- Scott Nicholson
- Patrick O'Donnell
- Kim Otto
- Valerie Ringold
- Debby Scerno
- Sara Schultz
- Amy Sharp
- Aaron Snyder
- Greg Steele
- Elliott Stefanik
- Jeff Strahan
- Cindy Tejeda
- Eric Thaut
- Jeff Trulick
- Cindy Upah
- Tiffany Vanosdall
- Bret Walters
- Maria Wegner
- Rebecca J. Weiss
- Katie Williams
- Ray Wimbrough
- Michael Wyatt
- Kendall Zaborowski

Italicized names are presenters at more than one training session.



# Working Together to Modernize Planning



Plenary Take Back Forms & Handouts







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#### **PLENARY SESSIONS**

- Welcome and Opening: Civil Works Planning Program Vision and Way Ahead
- The North Atlantic Coast Comprehensive Study Through the Lens of Planning Modernization
- Risk Informed Decision Making
- Lessons Learned in Risk Management Implementation for Division, Branch and Section Chiefs
- View from Washington
- Beyond Planning: Perspectives & Integration Across USACE CoPs
- Critical Thinking
- Working Together to Modernize Planning
- Looking Forward: The Corps Planning Program in 2020 and Beyond

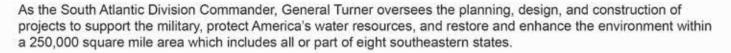




#### Brigadier General C. David Turner Commander, South Atlantic Division

Brigadier General C. David Turner became commander of the U.S. Army Corps of Engineers, South Atlantic Division on July 24, 2014. The South Atlantic Division is one of eight U.S. Army Corps of Engineers' regions providing engineering and construction services to the Nation. It is the regional business center in

the southeast, the Caribbean, and Central and South America, with district offices in Wilmington, North Carolina; Charleston, South Carolina; Savannah, Georgia; Jacksonville, Florida; and Mobile, Alabama.



General Turner was born in St. Louis, Missouri. He graduated from the University of Central Missouri with a Bachelor of Arts Degree in Mathematical Sciences. In 2014 he was named a University of Central Missouri Distinguished Alumni. He also holds a Master of Science Degree in Industrial Engineering from Wichita State University and a Master of Strategic Studies Degree from the U.S. Army War College. He is a Harvard Senior Executive Fellow.

General Turner most recently commanded the South Pacific Division of the U.S. Army Corps of Engineers. Previous assignments include Chief of Staff, Headquarters, U.S. Army Corps of Engineers; Chief of Staff for Combined Joint Interagency Task Force 435, Afghanistan; Commander, U.S. Army Corps of Engineers, Far East District, Seoul, Korea; and three tours on the U.S. Army Staff as the G-1 Engineer, Assistant Executive Officer to the G-3, and Chief, Base Realignment and Closure Division - an \$18B program and the largest transformation of the U.S. Army since WWII. He also served on the Joint Staff as Assistant Deputy Director of Operations, Emergency Action Officer, Global Nuclear Strike Advisor and Senior Operations Officer, General Turner has served in a variety of other command and staff assignments in the continental United States, Germany, Bosnia, and the Middle East. During the Gulf War he commanded Bravo Company, 1st Engineer Battalion (Mechanized). He also served as Liaison Officer and Assistant Operations Officer in the 1st Engineer Battalion. He served a combat tour as commander of the 14th Combat Engineer Battalion, Fort Lewis, Washington - with deployment to Operation IRAQI FREEDOM and redeployment to Fort Lewis. He served as Platoon Leader, Company Executive Officer and Battalion Engineer Equipment Maintenance Officer, 79th Combat Engineer Battalion (Heavy), Karlsruhe, Germany; Battalion Executive Officer in the 40th Engineer Battalion (Mechanized), Baumholder, Germany; and Brigade Operations and Executive Officer, 1st Armored Division Engineer Brigade, Bad Kreuznach, Germany, General Turner deployed to Bosnia during his second tour in Germany and has also served in the U.S. Army Corps of Engineers, Baltimore District as a Project Engineer and Project Manager.

General Turner's military education includes the Engineer Officer Basic Course; ArmorOfficer Advance Course; U.S. Army Combined Arms and Services Staff School; U.S. Army Command and General Staff College; and the U.S. Army War College.

General Turner's awards and decorations include the Defense Superior Service Medal; three Legion of Merit Awards; the Bronze Star Medal with Valor Device; two Bronze Star Medals; the Defense Meritorious Service Medal; seven Meritorious Service Medals; the Joint Commendation Medal; two Army Commendation Medals; two Army Achievement Medals; two Valorous Unit Awards; the Bronze and Silver Orders of the de Fleury Medal; the 2009 Black Engineer of the Year for Professional Achievement in Government; and the 2014 Black Engineer of the Year Stars and Stripes Army Awardee.





#### U.S. ARMY CORPS OF ENGINEERS

#### Major General John W. Peabody

Deputy Commanding General for Civil and Emergency Operations



Major General John Peabody assumed responsibility as the Deputy Commanding General for Civil and Emergency Operations, United States Army Corps of Engineers on 18 October 2013. As such, he is responsible for a \$6 billion dollar annual program, largely related to water resources and related infrastructure. He exercises oversight of Corps' civil works activities conducted by over 23,000 military and civilian professionals operating in 8 engineer divisions and 38 districts nationwide. These professionals conduct research and development, as well as plan, design, build, operate and maintain water resource civil infrastructure with a replacement value of \$263 billion, including 707 dams, 4,933 recreation sites, 75 hydroelectric plants, over 12,000 miles of commercial inland waterways, 14,700 miles of levees, 926 harbors and enough water to supply the daily needs of 122 million people. Major General Peabody is also responsible to coordinate all emergency response missions and preparatory activities for civil disasters in support of FEMA and state and local authorities. He serves the Chief of Engineers and the Assistant Secretary of the Army for Civil Works as their principal military advisor for Civil and Emergency Operations.

A northern Ohio native, Maj. Gen. Peabody entered military service in 1980 upon commissioning as a second lieutenant in the Corps of Engineers, spending most of his career as a combat engineer.

He has had multiple staff assignments at the tactical, operational and strategic levels as a combat engineer, political-military advisor in US Southern Command covering Latin American issues, as the senior Engineer trainer at the National Training Center, and for Army Legislative Liaison. He has commanded combat engineer units at the company, battalion and brigade levels, as well as three Corps of Engineers Divisions for over eight consecutive years – in sequence, the Pacific Ocean, Great Lakes and Ohio River and the Mississippi Valley Divisions. He also served five years on the Mississippi River Commission, culminating as the 36<sup>th</sup> President of the Commission. He has had operational deployments to Honduras, El Salvador, Somalia and Kuwait and Iraq, including command of the 3<sup>rd</sup> Infantry Division's Engineer Brigade during the attack to Baghdad and subsequent transition to stability operations during Operation Iraqi Freedom I in 2003.

Awards and decorations include the Distinguished Service Medal, Legion of Merit, Bronze Star Medal with "V" device, Purple Heart, Joint Meritorious and Army Meritorious Service Medals, Armed Forces Expeditionary Medal, Iraq Campaign Medal, Humanitarian Service Medal, Presidential Unit Citation, Joint Unit Commendation Award, Army Superior Unit Award, Combat Action Badge, Master Parachutist Badge, Ranger Tab, and Army Staff Badge.

Maj. Gen. Peabody is a graduate of the United States Military Academy, the Command and General Staff College, and the Army War College with a master's degree in Strategic Studies. He also holds a Master of Public Administration degree from Harvard University and studied international relations and political sociology as an Olmsted Scholar at El Colegio de Mexico, Mexico City. Maj. Gen. Peabody holds a Professional Engineer License from the Commonwealth of Kentucky.

He and his wife, Kelly, spend their free time chasing their young daughter, Reagan.



### Biography

#### Department of the Army





#### Steven L. Stockton, P.E.

Director of Civil Works Headquarters, U.S. Army Corps of Engineers Washington, D.C.



Steven L. Stockton serves as the Director of Civil Works, Headquarters, U.S. Army Corps of Engineers, Washington, D.C. In this position under the policy guidance of the Chief of Engineers and the Assistant Secretary of the Army (Civil Works), leads, manage and directs the policy development, programming, planning, design, construction, contingency and emergency response, operation, and maintenance activities of the Army Civil Works Program, a \$10 billion annual program of water and related land resources of the United States and oversees the work of over 25,000 civilian employees. He serves as Governor on the World Water Council Board of Governors, represents the USACE in the United Nation's Advisory Board High-Experts and Leaders Panel on Water and Disasters, and serves in several national and international water resources Committees.

Mr. Stockton was selected to the Senior Executive Service in January 1996. From August 1998 thru May 2005, he served as the Director, Engineering and Technical Services; Director, Programs Management; and Director, Regional Business; for the U.S. Army Corps of Engineers, South Pacific Division in San Francisco, California. From May until November 2004, Mr. Stockton was the Director, Business Management, U.S. Army Corps of Engineer, Gulf Region Division in Baghdad, Iraq. From his selection in January 1996 thru July 1998, Mr. Stockton was the Chief, Engineering Division, Civil Works Directorate, Headquarters, U.S. Army Corps of Engineers, Washington, D.C.

#### CAREER CHRONOLOGY:

- 1988 1996: Chief, Planning and Engineering Division, U.S. Army Corps of Engineers, Portland District, Portland, OR
- 1975 1988: Various positions including Branch Chief, Geotechnical Branch, U.S. Army Corps of Engineers, Portland District, Portland, OR
- 1972-1975 Naval Officer. Multiple Mediterranean and Caribbean deployments

#### COLLEGE:

BS, Civil Engineering, Oregon State University, 1971

#### **SIGNIFICANT TRAINING:**

• Senior Executive Fellow, John F. Kennedy School of Government, Harvard University, 1991

#### **CERTIFICATIONS:**

• Registered Professional Civil Engineer, State of Oregon

#### **AWARDS AND HONORS:**

- Honorary Diplomate, Water Resources Engineer (Hon.D.WRE), by the American Academy of Water Resources Engineers, 2014
- Henry P. Caulfield, Jr. Medal for "Exemplary Contribution to National Water Policy," 2011
- Silver de Fleury medal Outstanding Leadership, Performance and management of the Civil Works Program, 2010
- The Nature Conservancy Outstanding Partnership Award, 2008
- Presidential Rank Award Meritorious Executive, 2003
- Oregon State University, Academy of Distinguished Engineers
- Secretary of the Army's Exceptional Civilian Service Award
- Meritorious Civilian Service Award (2)
- Superior Civilian Service Award (2)
- Commanders Awards for Civilian Service (3)
- North Pacific Division and the Portland District Engineer of the Year Award, 1982

#### PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS:

- Army Engineer Association
- Society of American Military Engineers
- American Society of Civil Engineers (Fellow)
- National Academy of Construction
- Governor, World Water Council

#### **MAJOR PUBLICATIONS:**

- U.S. Army Corps of Engineers 2012: Preparing USACE for the 21<sup>st</sup> Century, 2003
- U.S. Army Corps of Engineers: Building Strong Collaborative Relationships for a Sustainable Water Resource Future: National Report
- Water in the U.S. American West, 150 Years of Adaptive Strategies, Policy Report for the 6<sup>th</sup> World Water Forum
- Developed and published the powerful *Federal Support Toolbox for Integrated Water Resources Management*, a one-stop shop (Portal and Clearinghouse) for national and international water resources information (<a href="www.watertoolbox.us">www.watertoolbox.us</a>), public release on February 28, 2013.
- U.S. Army Corps of Engineers: Building Strong Collaborative Relationships for a Sustainable Water Resource Future: Understanding Integrated Water Resources Management (IWRM), January 2014
- Water Policy, Official Journal of the World Water Council: Special Edition, Water and Disasters: Case from the High Level Experts and Leaders Panel on Water and Disasters, March 2015



### Biography

#### Department of the Army





### Theodore A. (Tab) Brown, P.E.

Chief, Planning and Policy Division and Southwestern and Mississippi Valley Divisions Regional Integration Teams U.S. Army Corps of Engineers



Since January 2009, Mr. Theodore A. (Tab) Brown has served as Chief of Planning & Policy in the Headquarters, U.S. Army Corps of Engineers (USACE), Washington, DC. He also serves as the Leader of both the Southwestern Division and Mississippi Valley Division Regional Integration Teams in Headquarters. In this capacity, he provides leadership and oversight for Coastal Louisiana post-Katrina reconstruction and planning. Mr. Brown also serves as the leader of the USACE-wide Planning Community of Practice. In his current position, Mr. Brown formulates and coordinates Army Civil Works policy with the Department of Army, Federal agencies, and Office of Management and Budget (OMB); serves as Executive Liaison for the Chief's Environmental Advisory Board (EAB), and provides representation to other Federal Advisory Committees. Mr. Brown is responsible for leading efforts in the implementation of the 2007 Water Resources Development Act. He serves as principal Civil Works point of contact with congressional authorizing committees on policy and planning matters. He also formulates civil works environmental policy and develops new civil works planning and program initiatives for issues where water and related land resources, Corps experience and expertise, and multiple-objective problem solving potentially come together. He also served in this position in an acting capacity from November 2007 – May 2008.

#### PRE-SES CAREER CHRONOLOGY:

- Chief, Planning and Policy Division, Great Lakes & Ohio River Division, USACE Cincinnati, OH, 2002-2009
- Chief of Business Management Office, Great Lakes & Ohio River Division, USACE, Cincinnati, OH, 1999-2002
- Chief, Planning Branch, Nashville District, USACE, Nashville, TN, 1997-99
- Assistant Chief, Plan Formulation Branch, Huntington District, USACE, Huntington, WV, 1996-1997
- Developmental Assignment as Chief, Economic and Social Analysis Branch, Huntington District, USACE, Huntington, WV, 1995-1996
- Assignments as Senior Study Manager, Project Manager, and Quality Control Manager, Planning Division, Huntington District, USACE, Huntington, WV, 1988-1995

- Developmental assignment as Planning Program Manager, Ohio River Division, USACE, Cincinnati, OH, 1992
- Junior Fellow/Engineer Student Trainee, Special Studies Branch, Planning Division Huntington District, USACE, Huntington, WV, 1983-88

#### **COLLEGE:**

- Master of Business Administration, Marshall University, Huntington, WV, 1991
- Bachelor of Science in Civil Engineering, The Ohio State University, Columbus, OH, 1988

#### **SIGNIFICANT TRAINING:**

- USACE Planners and Project Managers Program, Fort Belvoir, VA 1994-95
- Junior Fellowship Program, Huntington District, USACE, Huntington, WV, 1983-84

#### **CERTIFICATIONS:**

• Registered Professional Engineer, State of Ohio

#### **AWARDS AND HONORS:**

- Commander's Award for Civilian Service 1999
- Outstanding Planning Achievement Award, Ohio River Division, 1996
- Outstanding Planning Achievement Award, Huntington District, 1996
- Outstanding Planning Achievement Award, Huntington District, 1995
- District Black Engineer of the Year Award, Nashville District, 1998
- District Black Engineer of the Year Award, Huntington District, 1996
- District Black Engineer of the Year Award, Huntington District, 1995
- District Black Engineer of the Year Award, Huntington District, 1992

#### PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS:

• Society of American Military Engineers

#### **MAJOR PUBLICATIONS:**

 Holding Back the Grundy Floods, Military Engineer, November/December 1991. coauthor



### PRESENTER BIOGRAPHY



#### Dr. Charlie Yoe

#### Professor of Economics, Notre Dame of Maryland University

Dr. Yoe's current areas of primary research are risk analysis and natural resource planning. A former USACE economist and project manager for over two dozen water resource planning projects, Charlie participated in development of the

U.S. Army Corps of Engineers SMART Planning process, a current innovation designed to modernize water resources planning.

Dr. Yoe has developed and taught numerous courses in risk analysis, risk assessment and risk management for numerous other agencies of the U.S. federal government (DOD, EPA, DOE, FDA CVM, FDA CEDR, USDA APHIS, USDA FAS, USDA SCS, USCG, NSA) in a wide variety of risk analysis applications.

He is the author of two risk analysis and one planning textbooks as well as numerous articles, manuals, invited chapters, reference entries, and manuscripts. Dr. Yoe has applied risk assessment work in over 50 projects in risk areas as diverse as antimicrobial resistance, flooding, lahar flows, volcanic eruptions, coastal storms, ecosystem restoration, aquatic nuisance species, invasive species, cost estimation, economic analysis, budgeting, hydraulic fracturing, industrial hygiene, food defense, operation and maintenance, energy and power, dietary supplements, navigation, pest risk, business decision making, and others.



### PRESENTER BIOGRAPHY



#### Mr. Douglas W. Lamont

Deputy Assistant Secretary of the Army (Project Planning and Review)

Doug Lamont, P.E. is the Deputy Assistant Secretary of the Army (Project Planning and Review). He serves as principal advisor to the Assistant Secretary of the Army (Civil Works) on

Corps of Engineers' water resources projects and on its planning and review processes. He is responsible for providing Army policy direction governing the planning and evaluation of Corps projects.

Previously, he was the Chief, Office of Water Project Review in the Headquarters, U.S. Army Corps of Engineers. He began his career in the Jacksonville District in the Planning, Engineering, and Construction-Operations Divisions. In Headquarters, Mr. Lamont's former positions included: Chief, New Starts Branch; Chief, Project Management Branch; and Chief, Policy Guidance & Application Branch.

Education: BA in Mathematics, BS Civil Engineering, and MS in Environmental Engineering. He is a Registered Professional Engineer in the States of Florida and Virginia, a Fellow of the American Society of Civil Engineers, and is an ASCE Diplomate, Water Resources Engineer (D.WRE).



### PRESENTER BIOGRAPHY



#### Dr. Monique Mitchell Turner

Associate Professor of Public Health, The George Washington University

Dr. Monique Mitchell Turner is an Associate Professor at the Milken Institute School of Public Health at The George Washington University. She received her Ph.D. in communication

from Michigan State University. Dr. Turner has held faculty positions in Departments of Communication at the University of Oklahoma, University of Texas, and the University of Maryland. Dr. Turner's expertise is in risk communication, risk perception, and cognitive processing during risk—including informed decision making and critical thinking.

The former director of the Center for Risk Communication Research at the University of Maryland, Dr. Turner's research has been funded by organizations such as the Food and Drug Administration, the Joint Institute for Food Safety and Applied Nutrition (JIF-SAN), the Centers for Disease Control, Health and Human Services, and the Department of Homeland Security. Dr. Turner has written and published over 50 research papers, journal articles, book chapters and books on persuasion, health communication and risk perception. She was formerly the associate editor of Communication Research Reports, is the past chair of the Communication and Social Cognition Division of the National Communication Association and is the immediate past Chair of the Health Communication Division of the International Communication Association. She is currently Senior Editor of Health Communication.

### **PLENARY**

# The Civil Works Planning Program Our Vision and The Way Ahead

PRESENTERS:

BG C. David Turner, Commander South Atlantic Division

MG John Peabody, Deputy Commanding General for Civil

and Emergency Operations

Mr. Steve Stockton, Director of Civil Works

Mr. Tab Brown, Chief of Planning and Policy Division

#### **ABOUT THIS SESSION**

#### The main messages of this session are:

- Civil Works Transformation is critical for success of the Corps.
- Planning Modernization is working. We are seeing results in delivering on commitments, improving timely decisions.
- We must invest in our Planners help others understand our strengths, maintain and encourage our brightest.
- Speaking with One Voice is the key to success: Challenge all of us to align expectations early and achieve Vertical Team alignment throughout.

### 1

#### WHAT I AM GOING TO TAKE BACK?

If something struck you as significant, note it here.



### PLENARY CW Planning Program & Way Ahead

WHICH BRANCHES, SECTIONS, AND/OR INDIVIDUALS WILL THIS AFFECT IN MY DISTRICT?

List them here, note how it may affect them, and how you plan on sharing this information.

WHO NEEDS TO KNOW?

WHY DO THEY NEED TO KNOW?

HOW CAN I SHARE THIS INFORMATION?

WILL THIS INFORMATION AFFECT OTHER PARTIES OUTSIDE OF THE DISTRICT (NON-FEDERAL SPONSOR, OTHER AGENCIES, STAKEHOLDERS, OTHER)?

If so, list them here, note how it may affect them, and how you plan on sharing this information.

WHO NEEDS TO KNOW?	WHY DO THEY NEED TO KNOW?	HOW CAN I SHARE THIS INFORMATION?

# North Atlantic Coast Comprehensive Study through the Lens of Planning Modernization

#### PRESENTER: Roselle Henn, North Atlantic Division

#### **ABOUT THIS SESSION**

#### The main messages of this session are:

- Planning Modernization tools were intrinsic to study success.
- Vertical Team integration was essential to maintaining an extremely aggressive schedule.
- NACCS Findings and Outcomes are being applied in the Sandy Program.

#### Why are these points significant for team members to know and understand?

NACCS Findings and Outcomes have applicability to other Regions.

#### Supporting information and updates can be found at:

- North Atlantic Coast Comprehensive Study Report and Related Documents: http://www.nad.usace.army.mil/CompStudy.aspx
- WHAT I AM GOING TO TAKE BACK?
  If something struck you as significant, note it here.



**WORKING TOGETHER TO MODERNIZE PLANNING** 

### PLENARY NACCS and Planning Modernization

WHICH BRANCHES, SECTIONS, AND/OR INDIVIDUALS WILL THIS AFFECT IN MY DISTRICT?

List them here, note how it may affect them, and how you plan on sharing this information.

WHO NEEDS TO KNOW?	WHY DO THEY NEED TO KNOW?	HOW CAN I SHARE THIS INFORMATION?

WILL THIS INFORMATION AFFECT OTHER PARTIES OUTSIDE OF THE DISTRICT (NON-FEDERAL SPONSOR, OTHER AGENCIES, STAKEHOLDERS, OTHER)?

If so, list them here, note how it may affect them, and how you plan on sharing this information.

WHO NEEDS TO KNOW?	WHY DO THEY NEED TO KNOW?	HOW CAN I SHARE THIS INFORMATION?

### **PLENARY** Risk Informed Decision Making

PRESENTER: Dr. Charlie Yoe, Notre Dame of Maryland University

#### **ABOUT THIS SESSION**

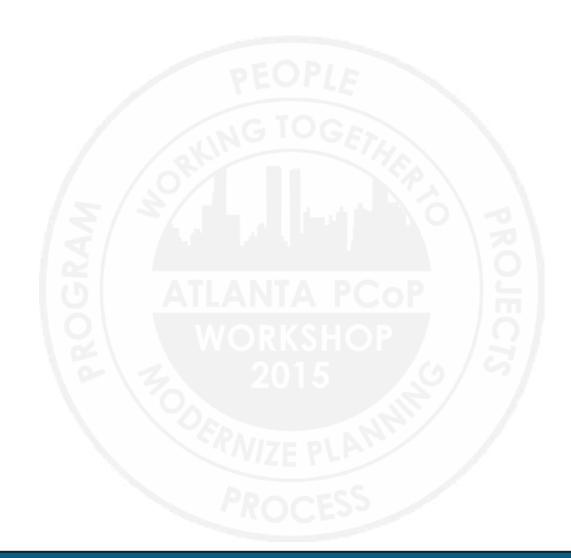
#### The main messages of this session are:

- The world is increasingly complex and planning is evolving to meet the challenges.
- Embrace the uncertainty prepare for life-cycle of decisions under uncertainty.
- Other agencies have struggled, and learned, as they've managed risk in complex systems.
- Managing for outcomes is more effective than trying to control complexities.
- Make an enterprise-wide commitment to strategic risk management; make it a part of everything that you do.



#### WHAT I AM GOING TO TAKE BACK?

If something struck you as significant, note it here.



**WORKING TOGETHER TO MODERNIZE PLANNING** 

### **PLENARY** Risk Informed Decision Making

WHO NEEDS TO KNOW?	WHY DO THEY NEED TO KNOW?	HOW CAN I SHARE THIS INFORMATION?
SPONSOR, OTHER AGENCI	FFECT OTHER PARTIES OUTSIDE OF THES, STAKEHOLDERS, OTHER)? ow it may affect them, and how yo	-
WHO NEEDS TO KNOW?	WHY DO THEY NEED TO KNOW?	HOW CAN I SHARE THIS

WHICH BRANCHES, SECTIONS, AND/OR INDIVIDUALS WILL THIS AFFECT IN MY DISTRICT?

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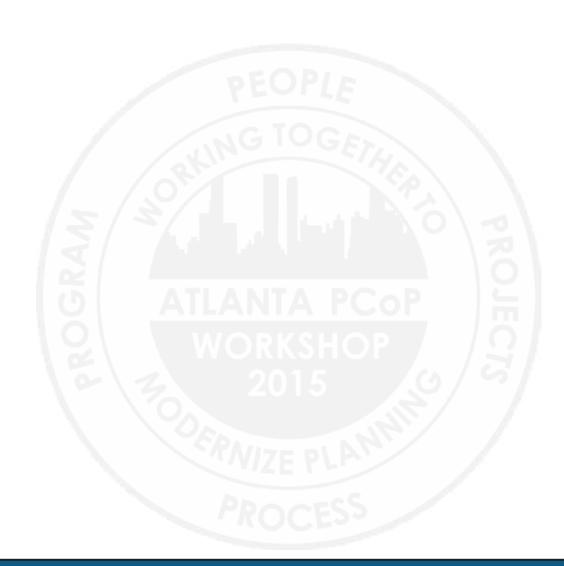
### **PLENARY**

### Lessons Learned in Risk Management Implementation for Division, Branch and Section Chiefs

PRESENTER: Dr. Charlie Yoe, Notre Dame of Maryland University

WHAT I AM GOING TO TAKE BACK?

If something struck you as significant, note it here.



**WORKING TOGETHER TO MODERNIZE PLANNING** 

# PLENARY Lessons Learned in Risk Management Implementation

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### PLENARY View from Washington

PRESENTER: Mr. Doug Lamont, Deputy Assistant Secretary of the Army, Project Planning and Review

#### **ABOUT THIS SESSION -**

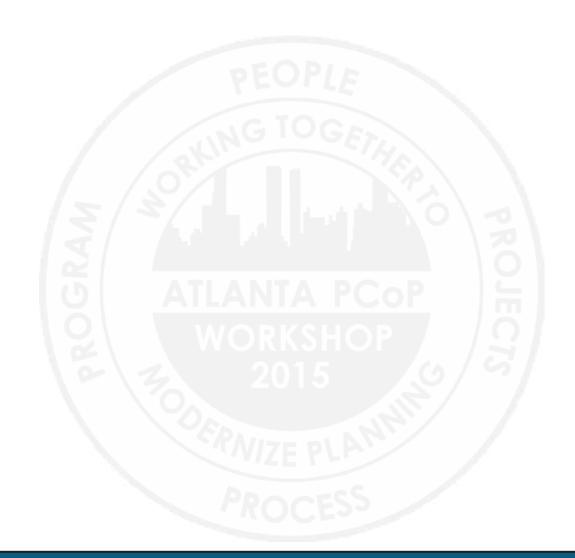
#### The main messages of this session are:

- Our current environment requires agility, flexibility, and a focus on National Priorities.
- Planning Modernization matters inside and outside USACE.



#### WHAT I AM GOING TO TAKE BACK?

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**WORKING TOGETHER TO MODERNIZE PLANNING** 

### PLENARY View from Washington

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### **PLENARY**

# Beyond Planning: Perspectives and Integration Across USACE CoPs

PRESENTERS: Bob Bank, Chief, Civil Works Branch, Engineering & Construction

Andrea Bias-Streat, Deputy Leader, Program & Project

Management CoP

John Cline, Senior Realty Specialist, HQUSACE Real Estate CoP Eric Halpin, Special Assistant for Dam and Levee Safety

Bob Leitch, Asset Management Program Manager

#### **ABOUT THIS SESSION**

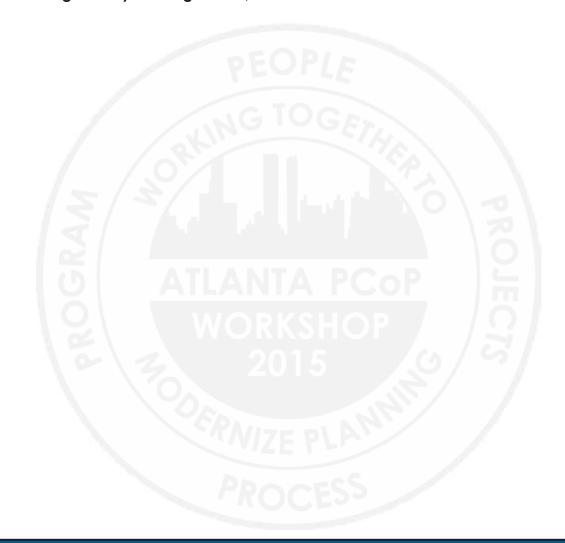
#### The main messages of this session are:

- Other CoPs are actively supporting Planning Modernization.
- There is a role for planners and problem solving across the life-cycle of Civil Works Projects.



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### **PLENARY**

# Beyond Planning: Perspectives and Integration Across USACE CoPs

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### PLENARY Critical Thinking

PRESENTER: Dr. Monique Turner, The George Washington University

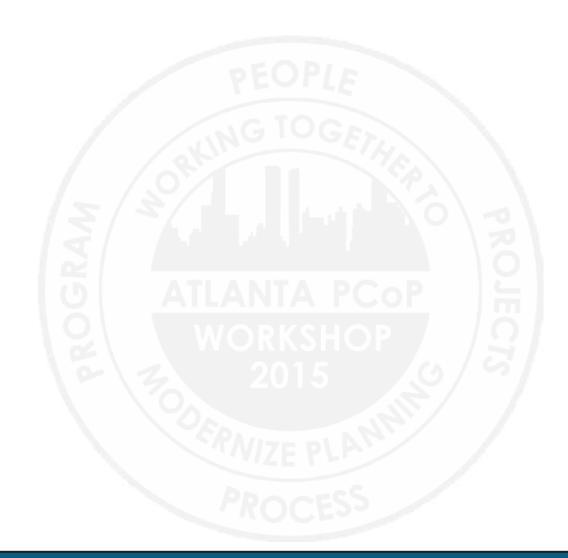
#### **ABOUT THIS SESSION**

#### The main messages of this session are:

- Understand and employ common characteristics of a critical thinker.
- Recognize ways to improve individual and team non-biased critical thinking and decision making.
- Be aware of biases and their effects on decision-making.



If something struck you as significant, note it here.



**WORKING TOGETHER TO MODERNIZE PLANNING** 

### **PLENARY** Critical Thinking

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# Table 1: Definitions of critical thinking<sup>1</sup>

Purposeful thinking in which individuals systematically and habitually impose criteria and intellectual standards upon their thoughts.

A composition of skills and attitudes that involve the ability to recognize the existence of problems and to support the truthfulness of the problems.

The propensity and skill to engage in an activity with reflective skepticism.

The process of purposeful, self-regulatory judgment.



### **SEARCH**:

information exposure, information seeking activities

**PROBLEM RECOGNITION** 

INFORMED DECISION MAKING

**LEARN:** 

attention, comprehension

### **INTEGRATE & EVALUATE:**

Assess the match between the appraisal and personal values and preferences

### **APPRAISE:**

Consider benefits & risks, (i.e, harms, health improvements of procedure)

<sup>&</sup>lt;sup>1</sup> Tables recreated from knowledge gained from: Walker, S. E. (2003). Active Learning Strategies to Promote Critical Thinking, J. Athl Train, 38(3): 263–267.

**Table 2: Dispositions of critical thinkers** 

DISPOSITION	DEFINITION
Inquisitiveness	One's intellectual curiosity and desire for learning.
Open mindedness	Being tolerant of divergent views and sensitive to the possibility of one's own bias.
Systematicity	Being orderly, organized, focused, and diligent in inquiry.
Analyticity	Prizing the application of reasoning and use of evidence to resolve problems, anticipating potential conceptual or practical difficulties, and consistently being alert to the need to intervene.
Truth seeking	Being eager to seek the best knowledge in a given context, courageous about asking questions, and honest and objective about pursuing inquiry even if the findings do not support one's self-interests or one's pre-conceived opinions.
Self-confidence	Trusting the soundness of one's own reasoned judgments and leading others in the rational resolution of problems.
Maturity	Approaching problems, inquiry, and decision making with a sense that some problems are necessarily ill-structured; some situations admit more than 1 plausible option; and many times judgments must be made based on standards, contexts, and evidence that preclude certainty.

Table 3: Example of questions to ask in a critical thinking session

CATEGORY	KEY CONCEPTS	EXAMPLES of QUESTIONS
Knowledge	Memorization,	What, when, who, define, describe, identify, state,
	description	show, how
Comprehension	Explanation,	Conclude, demonstrate, rephrase, differentiate,
	comparison	explain, give an example of
Application	Solution, application	How would you
Analysis	Induction, deduction, logic	Support your, what assumptions, what reasons, does the evidence support this conclusion, what behaviors
Synthesis	Productive thinking	Think of a way, propose a plan, develop, suggest, formulate a solution
Evaluation	Judgment, selection	Choose, evaluate, decide, defend, what is the most appropriate

# PLENARY Working Together to Modernize Planning

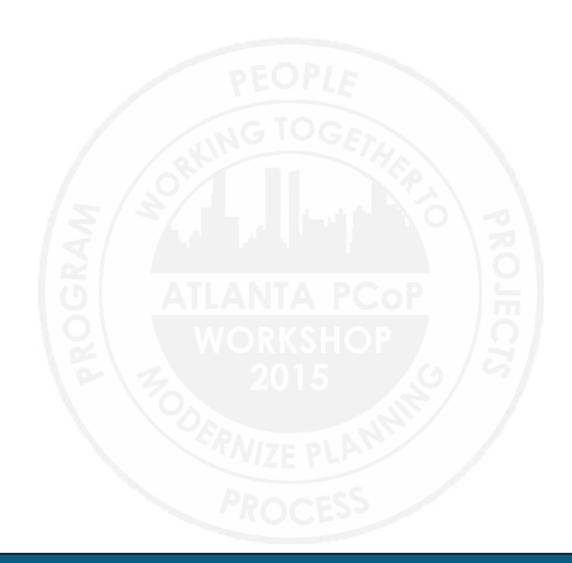
PRESENTERS: Brian Harper, Wes Coleman, Sue Hughes

**ABOUT THIS SESSION** 

# The main message of this session is:

 Summary and key messages of the three tracks - Delivering on Our Commitments, Aligning Expectations and Sustaining Planning Capability.





**WORKING TOGETHER TO MODERNIZE PLANNING** 

# **PLENARY** Working Together to Modernize Planning

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# Looking Forward – The Corps Planning Program in 2020 and Beyond

PRESENTER: Mr. Tab Brown, Chief HQ Planning and Policy

# **ABOUT THIS SESSION**

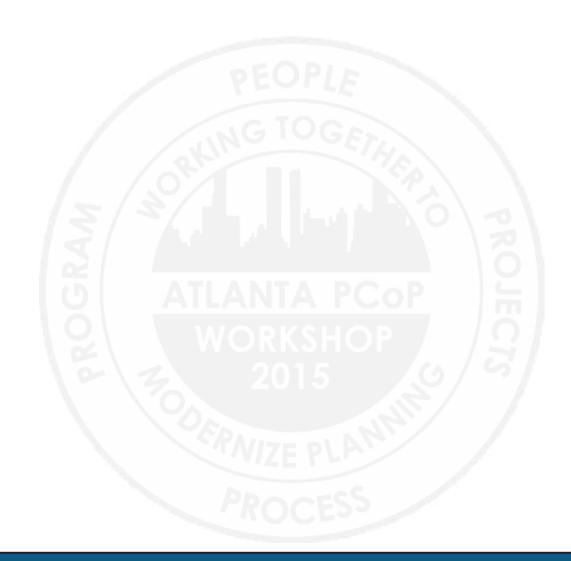
### The main messages of this session are:

- Planning is well positioned to lead the Corps in formulating solutions to the Nation's challenging water resources problems.
- The role of planners as problem-solvers is important for the future of Civil Works.
- Planning Modernization is an important first step. We have accomplished a lot, and there is a lot that remains to be done.



### WHAT I AM GOING TO TAKE BACK?

If something struck you as significant, note it here.



**WORKING TOGETHER TO MODERNIZE PLANNING** 

# PLENARY

# Looking Forward – The Corps Planning Program in 2020 and Beyond

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# NATIONAL PLANNING COMMUNITY OF PRACTICE TRAINING

# Working Together to Modernize Planning



# DELIVERING ON OUR COMMITMENTS — PROJECT DELIVERY & THE PLANNING PROGRAM

**Session Take Back Forms & Handouts** 







# NATIONAL PLANNING COMMUNITY OF PRACTICE TRAINING

# Working Together to Modernize Planning

Delivering sustainable solutions to America's water resource challenges.

Our People, Process, Projects and Program

# **DELIVERING ON OUR COMMITMENTS SESSIONS**

- Understanding the Breadth of the Planning Portfolio
- Building the Planning Portfolio: New Start Selection Process, ASA(CW) Perspective, and J-Sheet Development
- The First 90 Days of a New Feasibility Study
- Keeping up with Policy
- Habitat Mitigation Planning, Monitoring and Adaptive Management in a 3x3x3 Environment
- Environmental Compliance and Interagency Coordination and Communication in a 3x3x3 Environment
- Large Scale Studies: Succeeding with Feasibility, Watershed, and Comprehensive Studies





# Understanding the Breadth of the Planning Portfolio

PRESENTERS Eric Halpin, Katie Williams, Travis Creel, Bob Leitch, and Lisa Kiefel

# **ABOUT THIS SESSION**

### The main messages of this session are:

Participants will recognize the breadth of planning activities in our portfolio including:

- Investigations, including Specifically Authorized studies (Feasibility including GRRs; Watershed; and Comprehensive Studies) and Remaining Items (FPMS and PAS)
- Construction, including CAP and LRRs (VR)
- Operations, including Safety and Major Rehab

### Why are these points significant for team members to know and understand?

- Planning is required throughout the project life cycle.
- Recognize when planning is needed.
- Understand the roles/responsibilities of the planner at the different stages.



### WHAT I AM GOING TO TAKE BACK?



# Understanding the Breadth of the Planning Portfolio

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# Building the Planning Portfolio – New Start Selection Process, ASA(CW) Perspective, and J-Sheet Development

# PRESENTERS Amy Sharp and Lisa Kiefel

# **ABOUT THIS SESSION**

### The main messages of this session are:

The game has changed! We need to get on board in order to succeed.

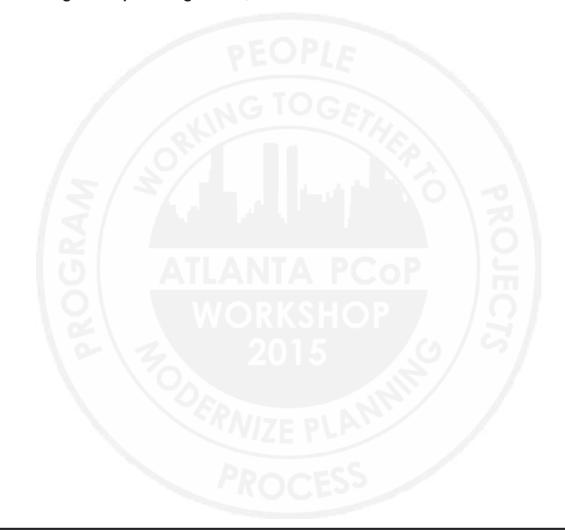
- Understand the Program cycle and what each stage means to your study.
- Understand the role execution plays in the program.
- Understand how to build a relevant portfolio: the budgeting process; new start selection process; prioritization within business lines; perspectives of ASA(CW), OMB and Congress
- Improve Product Quality J-Sheet Workshop/Demonstration.

### Why are these points significant for team members to know and understand?

- Understanding of the stages will enable Planners to plan better.
- Understanding the budget process will help us to build our portfolio.
- High quality products will result in more support from HQ and agencies outside the Corps.



### WHAT I AM GOING TO TAKE BACK?



# SESSION Building the Planning Portfolio

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# SESSION The First 90 Days of a New Feasibility Study

PRESENTERS: Valerie Ringold, Rachel Mesko, and Rebecca J. Weiss

Q/A PANEL: Brian Harper and Evie Haberer

### **ABOUT THIS SESSION**

### The main messages of this session are:

Participants will learn the new procedures in beginning a feasibility study with no reconnaissance phase, includina:

- Signing a Feasibility Cost Sharing Agreement (FCSA) up front before working on a Project Management Plan (PMP) for the study.
- After signing the FCSA, concurrent efforts in vertical team scope development/charette, developing the PMP, and reaching the Alternatives Milestone within a goal of 90 days from signing the FCSA. District Engineer needs to send out notifications to relevant non-Fed interests.
- Environmental Compliance actions to be done (NEPA scoping).

# Why are these points significant for team members to know and understand?

- Importance of developing and nurturing relationships & communicating with sponsors.
- Importance of having vertical team alignment.
- Scoping should be for next decision point.
- First 90 days sets the foundation for the study and first milestone.

# Supporting information and updates can be found at:

- Implementation Guidance for WRRDA Section 1002: http://www.usace.army.mil/Portals/2/docs/civilworks/Project%20Planning/wrda/2014/20 14\_sec\_1002.pdf
- Single Phase Study Resourses page on the Planning Community Toolbox





# SESSION The First 90 Days of a New Feasibility Study

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# **SESSION** Keeping Up with Policy

PRESENTERS: Jeanette Gallihugh, Brian Harper, and Tammy Conforti

# **ABOUT THIS SESSION**

# Supporting information and updates can be found at:

- WRDAs and other Key Laws on the Planning Community Toolbox:
   http://planning.usace.army.mil/toolbox/current.cfm?Title=WRDAs%20and%20Related%2 0Laws&ThisPage=WRDALaw&Side=No
- WRRDA 2014 Implementation Guidance:
   http://www.usace.army.mil/Missions/CivilWorks/ProjectPlanning/LegislativeLinks/wrrda20
   14/wrrda2014\_impguide.aspx
- WHAT I AM GOING TO TAKE BACK?
  If something struck you as significant, note it here.



# **SESSION** Keeping Up with Policy

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# Habitat Mitigation Planning, Monitoring, and Adaptive Management in a 3x3x3 Environment

PRESENTERS: Jeff Trulick and Debby Scerno

Q/A PANEL: Tomma Barnes, Ken Barr, and Jeff Lin

**ABOUT THIS SESSION** 

### The main messages of this session are:

- Awareness of the policies directly impacting monitoring and adaptive management (AM) plans for habitat mitigation.
- Awareness of the policies directly impacting monitoring and AM plans for ecosystem restoration (ER) projects.

# Why are these points significant for team members to know and understand?

- SMART Planning has not changed the requirements in regards to mitigation planning or monitoring and AM for mitigation and ER.
- The lack of policy compliant mitigation/ER monitoring and AM plans is common.
- Controlling guidance is found in PGN Appendix C, the implementation guidance (IG) for WRDA 2007, Sections 2036 and 2039 and more recently WRRDA Section 1040.
- Project mitigation is a formulated project feature just like any other project feature.
- Mitigation/ER should be based on functional assessments and perhaps models.

# Supporting information and updates can be found at:

- WRDA and WRRDA Implementation Guidance on the Planning Community Toolbox: http://planning.usace.army.mil/toolbox/guidance.cfm?Option=WRDALaw&Sort=YearDesc&Type=WRDA%20Implementation&Side=Yes
- The Application of Adaptive Management to Ecosystem Restoration Projects (April 2012): http://acwc.sdp.sirsi.net/client/search/asset/1020160
- Corps' Ecosystem Restoration Gateway: http://cw-environment.usace.army.mil/restoration.cfm



# Habitat Mitigation Planning, Monitoring, and AM in a 3x3x3 Environment

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# Environmental Compliance and Interagency Coordination and Communication in a 3x3x3 Environment

PRESENTERS: Rebecca Weiss, Evie Haberer, Steve Fischer, and Cindy Upah

# **ABOUT THIS SESSION**

### The main messages of this session are:

- Identifying timing components to complete environmental compliance within an integrated NEPA-SMART Planning framework.
- Identify which environmental tasks and products are required per SMART Planning milestone.
- "Early and often" is still the mantra for interagency coordination.

# Why are these points significant for team members to know and understand?

- Environmental compliance is directly tied to appropriate timing in a feasibility study, both for uncovering issues that should be addressed for compliance, and for integration into formulation. The environmental resources and concerns help develop the problems, opportunities, measures and alternatives for evaluation (which is also required by NEPA).
- In order to meet SMART Planning milestones, and have the pertinent information available for informed decision making, a renewed emphasis on the timing of environmental tasks and products will lead to successful and environmentally compliant reports and milestone meetings.
- Early interagency coordination is the most efficient way to remain within scope and schedule is to engage with agencies from the start.

# Supporting information and updates can be found at:

 Environmental Compliance and related webinars on the Planning Community Toolbox: http://planning.usace.army.mil/toolbox/resources.cfm?ld=0&Wld=213&Option=Planning %20Webinars

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### WHAT I AM GOING TO TAKE BACK?



# Env. Compliance and Interagency Coordination and Communication

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# USACE SMART PLANNING

# Environmental Evaluation

# Large Scale Studies: Succeeding with Feasibility, Watershed, and Comprehensive Studies

PRESENTERS: Ray Wimbrough, Cindy Tejeda, and Steve Kopecky

# **ABOUT THIS SESSION**

# The main messages of this session are:

- Discuss the differences between large-scale Feasibility, Watershed and Comprehensive studies.
- Describe how to develop a formulation and evaluation strategy.
- Recognize the interagency and national-level engagement required with large-scale studies.
- Describe how comprehensive plans can fit in the USACE investment strategy.

# Why are these points significant for team members to know and understand?

- Study authorities are highly variable.
- Vertical team alignment is critical.
- Meeting sponsor and stakeholder expectations can be difficult.
- Implementation can be more challenging than plan development.



### WHAT I AM GOING TO TAKE BACK?



# Large Scale Studies: Feasibility, Watershed, and Comprehensive Studies

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# NATIONAL PLANNING COMMUNITY OF PRACTICE TRAINING

# Working Together to Modernize Planning



# ALIGNING EXPECTATIONS — DECISION-MAKING ROLES AND RESPONSIBILITIES

Session Take Back Forms & Handouts







# NATIONAL PLANNING COMMUNITY OF PRACTICE TRAINING

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# ALIGNING EXPECTATIONS SESSIONS

- Review Roles & Responsibilities
- District Quality Control and Agency Technical Review: What You Should Know
- Understanding the 3x3x3 Rule and Exemption Process
- Lessons Learned in Concurrent Review and Issue Resolution Process Strategies
- Making, Documenting and Sharing Decisions
- Critical Thinking and Its Application
- How to Effectively Write and Respond to Review Comments



# CIVIL WORKS REVIEW

# **SESSION** Review Roles & Responsibilities

PRESENTERS: Stephanie Groleau, Andy MacInnes, Jeff Strahan and Cliff Jones

# **ABOUT THIS SESSION**

### The main messages of this session are:

- Identify and explain the types and timing of reviews (milestones) and expectations.
- Discuss how roles and responsibilities have been done in the past in response to guidance. Talk about how these roles are vital and evolving in planning modernization.
- The purpose of review is to provide a technically sound, legally and policy compliant recommendation for authorization or implementation.

# Why are these points significant for team members to know and understand?

- In order for our agency to remain relevant, and continue to solve water resource problems, quality must be a priority.
- QA is a continuous process review, not a product review, and is inherently connected to DQC. Without a standard QA process, product quality is not consistent across the Corps.
- In order for reviews to be successful, review roles and responsibilities must be clear and the types of reviews must be connected.

# Supporting information and updates can be found at:

- Planning Guidance Notebook, Appendix H: http://planning.usace.army.mil/toolbox/library/ERs/1105-2-100%20App%20H%20Policy%20Compliance%20Review.pdf
- EC 1165-2-214, Civil Works Review: http://planning.usace.army.mil/toolbox/library/Ecs/EC1165-2-214.pdf
- Feasibility Study Implementation Frequently Asked Questions: http://planning.usace.army.mil/toolbox/faqs.cfm



# WHAT I AM GOING TO TAKE BACK?



# **SESSION** Review Roles & Responsibilities

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# District Quality Control and Agency Technical Review – What You Should Know

# PRESENTERS: Greg Steele and Elliott Stefanik

# **ABOUT THIS SESSION**

### The main messages of this session are:

Participants will learn:

- The distinction between District Quality Control (DQC) and Agency Technical Review (ATR).
- DQC and ATR requirements including the ongoing, targeted, scalable and iterative nature of DQC and ATR.
- Tips and techniques to execute DQC and ATR processes.
- How to access CoP and Sub-CoP lists of ATR certified reviewers.

# Why are these points significant for team members to know and understand?

- Buying into review process results in more efficient, effective reviews, and ultimately, quality products.
- Understanding reviews/review processes translates to time and money savings for those reviews.

# Supporting information and updates can be found at:

- Planning Community Toolbox, "Peer Review" page: http://planning.usace.army.mil/toolbox/current.cfm?Title=Peer%20Review&ThisPage=Peer&Side=No
- Flood Risk Management PCX ATR Roster (SharePoint):
   https://cops.usace.army.mil/sites/PLAN/pcx/FRMPCX/Web%20Part%20Pages/ATR%20Roster
   s.aspx



### WHAT I AM GOING TO TAKE BACK?



# District Quality Control and Agency Technical Review – What You Should Know

WHICH BRANCHES, SECTIONS, AND/OR INDIVIDUALS WILL THIS AFFECT IN MY DISTRICT?

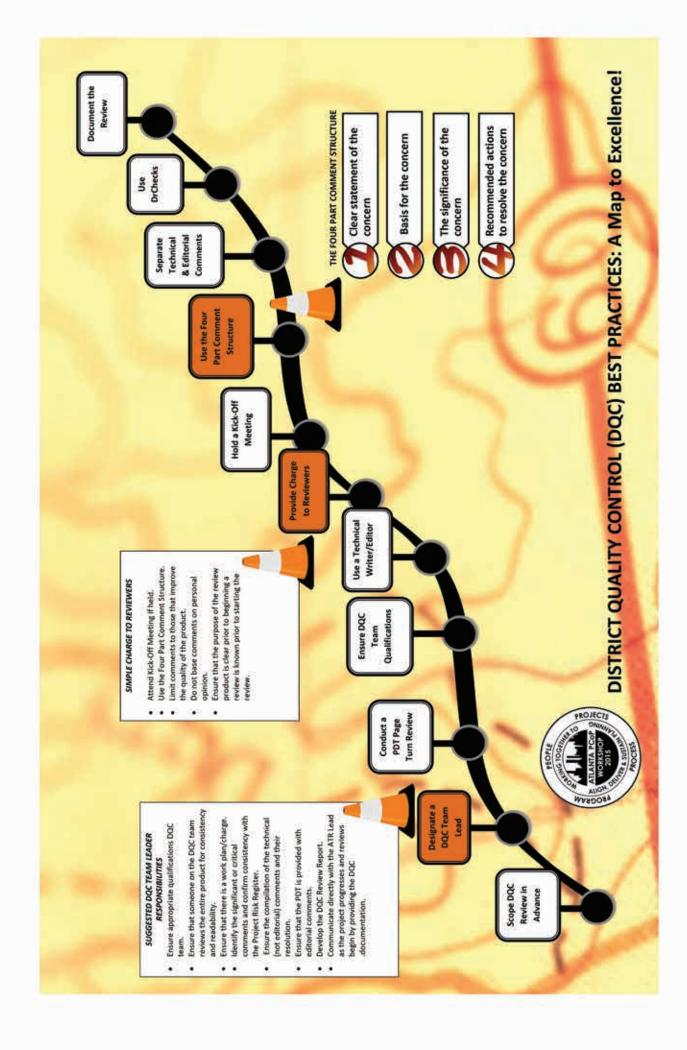
List them here, note how it may affect them, and how you plan on sharing this information.

WHO NEEDS TO KNOW?	WHY DO THEY NEED TO KNOW?	HOW CAN I SHARE THIS INFORMATION?

WILL THIS INFORMATION AFFECT OTHER PARTIES OUTSIDE OF THE DISTRICT (NON-FEDERAL SPONSOR, OTHER AGENCIES, STAKEHOLDERS, OTHER)?

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# Understanding the 3x3x3 Rule and Exemption Process

PRESENTERS: Wes Coleman, Charlie Hanneken

Q/A PANEL: Kendall Zaborowski, Cindy Barger, Mark Cowan, and

**Jeff Trulick** 

# **ABOUT THIS SESSION**

## The main messages of this session are:

Participants will learn the procedures and philosophy for developing a 3x3x3 exemption request:

- Explain the 3x3x3 Rule covered by implementation guidance for section 1001 and PB2012-04.
- Understand the philosophy behind developing a 3x3x3 exemption.
- List the criteria/qualifications for an exemption request and summarize the mechanics of the exemption process.
- Key/common stages when an exemption need is identified.

# Why are these points significant for team members to know and understand?

- Decision for study exceeding 3x3x3 is a decision that relies on utilizing clear, logical, risk informed thought.
- There is no "one size fits all" study. Many are 3x3x3 compliant but some are not. It's about getting the correct level of detail.
- Importance of early and often vertical team involvement in scoping.

## Supporting information and updates can be found at:

- Implementation Guidance for WRRDA Section 1001:
   http://www.usace.army.mil/Portals/2/docs/civilworks/Project%20Planning/wrda/2014/2014\_sec\_1001.pdf
- PB2012-04: 3x3x3 Rule Exemption Process: http://planning.usace.army.mil/toolbox/library/pb/PB2012-04.pdf
- Examples of successful 3x3x3 exemption packages will be available on the Workshop SharePoint site: https://cops.usace.army.mil/sites/PLAN/PCoPtrn/



#### WHAT I AM GOING TO TAKE BACK?



# Understanding the 3x3x3 Rule and Exemption Process

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# Lessons Learned in Concurrent Review and Issue Resolution Process Strategies

PRESENTERS: Bret Walters, Rachel Mesko, Wes Coleman, Judy McCrea Q/A PANEL: Naomi Fraenkel, Jeremy LaDart, Andy MacInnes, Debby

Scerno, and Pat O'Donnell

#### ABOUT THIS SESSION

#### The main messages of this session are:

- The tools available to manage and respond to number of comments received during concurrent review.
- The process for identifying and resolving conflicting comments.
- Available processes for resolving outstanding comments/issues.

## Why are these points significant for team members to know and understand?

- Concurrent review is a new process and presents new challenges.
- Lack of timely issue resolution is often an impediment.
- Existing tools, guidance, and lessons learned from other PDTs can help avoid problems related to concurrent review and issue resolution.

## Supporting information and updates can be found at:

- Planning Community Toolbox SMART Guide: The TSP Milestone: http://planning.usace.army.mil/toolbox/smart.cfm?Section=4&Part=0
- PCoP Webinar Series: Different Perspectives on Concurrent Review (June 2013): http://planning.usace.army.mil/toolbox/resources.cfm?Id=0&Option=Planning%20Webinars
- WRRDA 2014 Implementation Guidance: http://www.usace.army.mil/Missions/CivilWorks/ProjectPlanning/LegislativeLinks/wrrda2014/
- Planning Bulletin 2013-03: SMART Planning Milestones: http://planning.usace.army.mil/toolbox/library/pb/PB2013\_03.pdf



#### WHAT I AM GOING TO TAKE BACK?



# Lessons Learned in Concurrent Review and Issue Resolution Process Strategies

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WHO NEEDS TO KNOW?	WHY DO THEY NEED TO KNOW?	HOW CAN I SHARE THIS INFORMATION?

Review	Review Commen	Response author	Document to be revised	×	Change needed	Who needs to	#X	Notes (e.g., info needed, next steps)
type	ŧΒ					make revision	done	(0)
ATR	5911292	5911292 Cory Koger/Judy McCrea	Integrated document	Section CS-3 (page CS-1)	Editorial		×	
ATR	5912685	5912685 Jeremy Briton/Nick Malasavage	NA	NA	Outboard dike fragility curve		AN ii	Appendix F (part 1) and ES (S-14) already provided info needed.
ATR	5919725	5919725 Cory Koger/Judy McCrea	Integrated document	Page 3-30 (paragraph 2)	Add figure of bench evolution?		NA	response indicated why a figure was not needed
ATR	5919791	Cory Koger/William DeJager	Integrated document	Page 3.64 (bullet 11)	Include baseline mercury monitoring and methyl mercury		NA	no change needed
ATR	5921177		Appendix G (civil design appendix)	د		Nick Malasavage		Reviewer's backcheck recommendation: "Concur, but I would like to see this discussion added as a paragraph in the Engineering Appendix so that it is documented that erosion has been evaluated by the PDT."
ATR	5923714	5923714 Frank Buonaiuto/JudyMcCrea	Integrated document	Executive Summary	Need to clarify study boundaries (0.2% ACE floodplain)		×	
ATR	5926310	5926310 Jodie Foster/Michael Hallisy	Appendix D (Economics)	Appendix D (section 2)	Add a diagram and text about existing conditions	Mike Hallisy		
ATR	5927717	Scott Miner/Judy McCrea	Integrated document	Section 10.2	Revise wording around cost-sharing requrements in items of cooperation	Judy McCrea		Need to coordinate with Office of Counsel
ATR	5927735	5927735 Scott Miner/Judy McCrea	Integrated document	Throughout report	Need economic justification for recreation features if WRRDA .  IG provided and NFS wants USACE to cost share USFWS rec features	Judy McCrea / Mike Hallisy		Mike has provided draft economic analysis results, which must be ATR'ed
ATR	5927739	5927739 Scott Miner/Judy McCrea			Same as previous comment			
ATR	5927744	5927744 Scott Miner/Judy McCrea	Integrated document, Real Estate Plan	Throughout report	Incomplete rec plan - missing real estate req and costs to guarantee permanent public access to Artesian Slough ped bridge? Also needs to be added to the real estate plan.	Judy McCrea / Bonievee Delapaz		
ATR	5936460	Tanis Toland/William DeJager	Integrated document	Chapter 9	Increase clarity about remaining NEPA steps	Bill DeJager		
ATR	5936476	Tanis Toland/William DeJager	Integrated document	Additional documentation - appendix item	Include documentation of USFWS recognition of co-lead status	Bill DeJager		
ATR	5936521	5936521 Tanis Toland/Judy McCrea	Integrated document	Chapter 3, 4, 9	Review description of alternatives in Ch 3, 4, 9 and ensure consistency. Add critical information to Ch 3 from other chapters.	Stacle		
ATR	5936530	5936530 Tanis Toland/Judy McCrea	Appendix I (MAMP)		include approach for invasive animals and water quality parameters		NA	no change needed
ATR	5936584	Tanis Toland/William DeJager	Integrated document, Appendix J (CHAP report)	Chapter 4 of Int Doc and Appendix J	Provide new CHAP report and revise AAHUs in main report if needed	Bill DeJager		Question to Bill - any changes to the AAHU's?
ATR	5947792	5947792 Gary Smith/Matthew Young	Cost estimating appendix		Adaptive Management Costs; document development of this cost	Matt Young		
ATR	5949118	Adam Oestreich/Bonievee Delapaz	Real Estate Plan	REP (page 6)	anticipated duration of the Temporary Work Area Easements	Bonievee Delapaz		
ATR	5949147	5949147 Adam Oestreich/Bonievee Delapaz	Real Estate Plan	REP, Section 4 (page 5)	need tract listing including acreage, estates, number of tracts, ownerships and estimated value	Bonievee Delapaz		
ATR	5970673	5970673 Jim Neubauer	Cost estimating appendix	Risk analysis	Update risk analysis	Matt Young		

Revie	Commen	-	Document to	Where change is	To the second	Who needs to	#X	And the second s
w type	t ID	Response author	be revised	pepeau	Change needed	make revision	done	Notes (e.g., into needed, next steps)
ğ		Judy McCrea	NA		Provide HQ w/ATR report		×	
ğ	2	Judy McCrea	Integrated	throughout	Include text of WRRDA 14 Sec 1025 and its intent Judy McCrea	Judy McCrea		
g	m	Judy McCrea	Integrated	Section 10.2	Correct the items of cooperation (same comment Judy McCrea	Judy McCrea		
			Document		as ATR #5927717)			
Ã	4	Mike Hallisy	Integrated		Use current (FY 15 or FY 16, as appropriate) price Matt Young,	Matt Young /		Will have multiple "done" marks to reflect multiple
			Document,		levels for NED/NER Plan and Recommended Plan	Mike Hallisy /		milestones - Final Report submittal, CWRB, and
			Economics		in Final Report, Civil Works Review Board	Judy McCrea		Chief's Report
			Appendix, Cost		material, and Chief's Report. Provide an errata			
			estimates		sheet and updated executive summary as			
					needed.			
ñ	2	Mike Hallisy	Economics	throughout	Change references to EC 1165-2-212, to ER 1110- Mike Hallisy	Mike Hallisy		
			Appendix		2-8162			
ñ	9	Judy McCrea	Integrated	Executive Summary,	Section 4027 of WRDA 2007 did not amend	Judy McCrea		
			Document	Chapter 1	WRDA 1976. Actual statute language needs to			
					be used in final report.			
ñ	7	Judy McCrea	Integrated	throughout	NED Plan is 12.5' levee (pending final decision at	multiple PDT		
			Document and		Agency Decision Milestone)			
			others					
ñ	00	Judy McCrea	NA	NA	[comment related to levee alignment and		AN	no change needed
					sponsor support]			
Ã	9a	Judy McCrea	MAMP	Sec 2.2	emphasize that implementation of any of the	Judy McCrea	×	
					phases will provide significant ecosystem			
					benefits			
ñ	9p	Judy McCrea	MAMP	multiple sections	Consistency w/ Sec 2039 IG; Division Commander Judy McCrea	Judy McCrea	×	
					determines when ecological success has been			
					achieved (also ATR comment 5927896)			
g	10	Judy McCrea	NA	NA	Cost of proposed trail along SR237 should not be		Α̈́	no change needed
ñ	Г	Judy McCrea	Final Report			Bill DeJager		
			Package		coordination in planning process, draft Refuge			
					Consistency Determination, MOU w/USFWS and			
					NFS			
ğ	14	Bonievee Delapaz	Integrated	Doc,	-A15.	Judy McCrea /		
			Document,	REP baseline cost		Bonievee		
			Real Estate	estimate	component exceeds the NFS's cost share	Delapaz		
			Plan					

1.1 Bill Delager CHAP Report (Integrated document too?) 2.2 Bill Delager CHAP Report 3.1 Bill Delager CHAP Report 3.2 Bill Delager CHAP Report 3.2 Bill Delager CHAP Report 3.3 Bill Delager CHAP Report 4.4 Patrick O'Brien Appendix E (H&H) E) 5 Milet Hallisy Integrated Document; Appendix G (chil design) 6.1 Matt Young Integrated Document; Appendix G (chil design) 6.5 Matt Young Integrated Document; Appendix G (chil design) 6.5 Matt Young Integrated Document; Appendix G (chil design) 6.6 Matt Young Integrated Document; Appendix G (chil design) 6.7 Matt Young Integrated Document; Appendix G (chil design) 6.8 Matt Young Integrated Document; Appendix G (chil design) 6.9 Matt Young Integrated Document; Appendix G (chil design) 6.7 Matt Young Integrated Document; Appendix G (chil design) 6.7 Matt Young Integrated Document; Appendix G (chil design)	Review	Review Commen type t1D	Response author	Document to be revised	Where change is needed (e.g., page, section)	Change needed	Who needs to make revision	"X" if	Notes (e.g., info needed, next steps)
1.2 Bill Delager Chafe Report 1. Provide information (e.g., alteration of stars inputs) to 1. Bill Delager 1. See 3. Bill Delager 1. Provide information (e.g., alteration of stars inputs) to 1. Provide information (e.g., alteration of stars inputs) to 1. Provide information (e.g., alteration of stars inputs) to 1. Provide a more thorough decasion of residual risk from Parick O Binn.  4.1 Partick O Binn	IEPR	11	Bill DeJager	CHAP Report (Integrated document too?)		12.0	Bill DeJager		
2.1 Bill Debager CHAP Report 1 proceeding effort. The pass of the animal polar of data inputs) to Bill Debager 1.3.2 Bill Debager 1.3.1 Bill Debager 1.3.2 Bill Debager 1.3.3 Bill Debager 1.3.4 Betriet COBien 1.3.4 Betriet COBien 1.4.3 Particle O'Brien 1.4.3 Particle O'Brien 1.4.3 Particle O'Brien 1.4.3 Particle O'Brien 1.4.4 Betriet COBien 1.4.3 Particle O'Brien 1.4.4 Betriet 0'Brien 1.4.4 Betriet 0'	EPR	1.2	Bill DeJager			none		NA	
2.2 Bill Debager none 3.1 Bill Debager none 3.2 Bill Debager none 4.1 Partick O'Brien integrated Document; Sec 38 (Int Doc); Sec 4.8.2 (App. 1. Provide a more thorough discussion of residual rick from Patrick O'Brien Appendix ( 1 (NB4))	IEPR	2.1	Bill Delager	CHAP Report			Bill DeJager		
3.1 Bill Debiger normality of the period of	EPR	2.2	Bill DeJager			none		NA	
3.2 Bill Debigger Integrated Document; Sec 9.8 (Int Doc); Sec 48.2 (App 1. Provide a more thorough discussion of revisious fried or Berrick O'Brien.  4.2 Patrick O'Brien Appendix E (H&H) E) Coding and interior drainage in Section 9.8 of the main report and 4.8.2 in Appendix E (H&H) E) Coding on the fluvial flooding.  4.3 Patrick O'Brien and A. A Patrick O'Brien Coding on the fluvial flooding on the fluvial flooding.  5. Matt Young Integrated Document; Coding C	IEPR	3.1	Bill DeJager			none		NA	
4.1 Partick O'Brien Integrated Document; Sec 9.8 (Int Doc); Sec 4.8.2 k/pp   1. Provide a more thorough Section Section (Partick O'Brien Appendix E (H&H)   E)	IEPR	3.2	Bill DeJager			none		NA	
4.2 Partick O'Brien none 4.4 Partick O'Brien none 4.4 Partick O'Brien none 4.5 Partick O'Brien none 4.6 Partick O'Brien none 5. Milte Hallipy Integrated Document; 6.1 Matt Young hat Young none 6.2 Matt Young none 6.3 Matt Young none 6.4 Matt Young none 6.5 Matt Young none 6.6 Matt Young none 6.6 Matt Young none 6.7 Matt Young none 6.8 Matt Young none 6.9 Matt Young none 6.0 Matt Young none 6.0 Matt Young none 6.0 Matt Young none 6.1 Matt Young none 6.2 Matt Young none 6.3 Matt Young none 6.4 Matt Young none 6.5 Matt Young none 6.6 Matt Young none 6.7 Matt Young none 6.8 Matt Young none 6.9 Matt Young none 6.0 Matt Youn	EPR	41	Patrick O'Brien		Sec 9.8 (Int Doc); Sec 4.8.2 (App E)	t ject			
4.4 Partick O'Brien 4.4 Partick O'Brien 4.5 Mike Hallisy 6.1 Matt Young Appendix G (ohil design) 6.2 Matt Young Integrated Document; 6.4 Matt Young Integrated Document; 6.5 Matt Young Integrated Document; 6.6 Matt Young Integrated Document; 6.7 Matt Young Integrated Document; 6.8 Matt Young Integrated Document; 6.9 Matt Young Integrated Document; 6.9 Matt Young Integrated Document; 6.9 Matt Young Integrated Document; 6.1 Matt Young Integrated Document; 6.2 Matt Young Integrated Document; 6.3 Matt Young Integrated Document; 6.4 Matt Young Integrated Document; 6.5 Matt Young Integrated Document; 6.6 Matt Young Integrated Document; 6.7 Matt Young Integrated Document; 6.8 Matt Young Integrated Document; 6.9 Matt Young Integrated Document; 6.0 Matt Young Integrated Document; 6.1 Matt Young Integrated Document; 6.2 Matt Young Integrated Document; 6.3 Matt Young Integrated Document; 6.4 Matt Young Integrated Document; 6.5 Matt Young Integrated Document; 6.6 Matt Young Integrated Document; 6.7 Matt Young Integrated Document; 6.8 Matt Young Integrated Document; 6.9 Matt Young Integrated Document; 6.0 Matt Young Integrated Document; 6.1 M	PR	4.2	Patrick O'Brien			none		NA	
4.4 Patrick OBisen 4.5 Matt Young 6.1 Matt Young 6.5 Matt Young 6.5 Matt Young 6.6 Matt Young 6.6 Matt Young 6.7 Matt Young 6.8 Matt Young 6.9 Matt Young 6.9 Matt Young 6.9 Matt Young 6.9 Matt Young 6.0 Matt Young 6.	PR	4.3	Patrick O'Brien			none		NA	
4.5 Patrick O'Brien  5.1 Matt Young Integrated Document:  6.2 Matt Young Integrated Document;  6.3 Matt Young Integrated Document;  6.4 Matt Young Integrated Document;  6.5 Matt Young Integrated Document;  6.6 Matt Young Integrated Document;  6.7 Matt Young Integrated Document;  6.8 Matt Young Integrated Document;  6.9 Matt Young Integrated Document;  6.1 Matt Young Integrated Document;  6.2 Matt Young Integrated Document;  6.3 Matt Young Integrated Document;  6.4 Matt Young Integrated Document;  6.5 Matt Young Integrated Document;  6.6 Matt Young Integrated Document;  6.7 Matt Young Integrated Document;  6.8 Matt Young Integrated Document;  6.9 Matt Young Integrated Document;  6.1 Matt Young Integrated Document;  6.2 Matt Young Integrated Document;  6.3 Matt Young Integrated Document;  6.4 Matt Young Integrated Document;  6.5 Matt Young Integrated Document;  6.6 Matt Young Integrated Document;  6.7 Matt Young Integrated Document;  6.8 Matt Young Integrated Document;  6.9 Matt Young Integrated Document;  6.1 Matt Young Integrated Document;  6.2 Matt Young Integrated Document;  6.3 Matt Young Integrated Document;  6.4 Matt Young Integrated Document;  6.5 Matt Young Integrated Document;  6.6 Matt Young Integrated Document;  6.7 Matt Young Integrated Document;  6.8 Matt Young Integrated Document;  6.9 Matt Young Integrated Document;  6.7 Matt Young Integrated Document;  6.8 Matt Young Integrated Document;  6.9 Matt Young Integrated Document;  6.9 Matt Young Integrated Document;  6.1 Matt Young Integrated Document;  6.2 Matt Young Integrated Document;  6.3 Matt Young Integrated Document;  6.4 Matt Young Integrated Document;  6.5 Matt Young Integrated Document;  6.6 Matt Young Integrated Document;  6.7 Matt Young Integrated Document;  6.8 Matt Young Integrated Document;  6.9 Matt Young Integrated Document;  6.1 Matt Young Integrated Document;  6.2 Matt Young Integrated Document;  6.3 Matt Young Integrated Document;  6.4 Matt Young Integrated Document;  6.5 Matt Young Integrated Document;  6.6 Matt Young Integrated D	PR	4.4	Patrick O'Brien			33			
6.1 Matt Young Integrated Document; Appendix G (civil design) a reassitional habitat feature). Modify the cot estimate and integrated Document; Appendix G (civil design) a reassitional habitat feature). Modify the cot estimate and integrated Document; Appendix G (civil design) a reassitional habitat feature). Modify the cot estimate and integrated Document; Appendix G (civil design) and the sacrodingly to correctly identify the feature of Codes as a reassitional habitat feature). Modify the cot estimate and integrated Document; Appendix G (civil design) and the sacrodingly to correctly identify of wick drain linear feet version for the top of the top of the top of the top of estimate or configurated. So configurated Document; Appendix G (civil design) and the sacroding stranding the quantity of wick drain linear feet was previously provided and used in the estimate or configurated. So configurated and used in the estimate or configurated and used in the estimate or configurated and used in the configurated and used	PR	4.5	Patrick O'Brien			38			
6.1 Mart Young Integrated Document: Appendix G (o'vil design) a stratificant halfst feature: Reevaluate NER and restoration increment of the LLP plan.  6.2 Mart Young Appendix G (o'vil design) hat Young Integrated Document; Appendix G (o'vil design) hat Young Integrated Document Append	PR	S	Mike Hallisy	7.51		none		NA	
6.5 Matt Young Integrated Document; Appendix G (civil design) Appendix G (civil design) Integrated Document; Appendix G (civil design) Appendix G (c	8	13	Matt Young	Integrated Document; Appendix G (civil design)		<ol> <li>Tidal Side Bench: Determine the most appropriate cost account for the bench (e.g., COA.11 as a FRM feature or COG as a transitional habitat feature). Modify the cost estimate and integrated Document accordingly to correctly identify the feature. Reevaluate NER and restoration increment of the LLP plan.</li> </ol>			
6.5 Matt Young Integrated Document; Appendix G (civil design) especially in Reaches 2 and 3 adjacent to Pond A16, and adjust especially in Reaches 2 and 3 adjacent to Pond A16, and adjust estimate or contingency.  6.5 Matt Young Integrated Document; Appendix G (civil design) wick drain linear feet was previously provided and used in the estimate.  6.6 Matt Young Integrated Document; Appendix G (civil design) cost estimate as necessary.  6.7 Matt Young Integrated Document; Appendix G (civil design) cost estimate as necessary.  6.8 Matt Young Integrated Document; Appendix G (civil design) cost estimate as necessary.  6.9 Matt Young Integrated Document; Appendix G (civil design) cost estimate as necessary.  6.1 Matt Young Integrated Document; Appendix G (civil design) cost estimate as necessary.  7 Evaluate the number and placement of ditch blocks or additional channels to achieve the objective to not strand fish.  7 Conversely, modify the objective regarding stranding fish.  Conversely, modify the objective regarding stranding fish.	PR	6.2	Matt Young			none		NA	
6.5 Matt Young Integrated Document; Appendix G (civil design) Integrated Document; Appendix G (civil design) Integrated Document; Appendix G (civil design) Appendix G (civil design) Appendix G (civil design) Appendix G (civil design)	PR	6.3	Matt Young			none		NA	
6.5 Matt Young Integrated Document; Appendix G (civil design) 6.6 Matt Young Integrated Document; Appendix G (civil design) 6.7 Matt Young Integrated Document; Appendix G (civil design)	R.	6.4	Matt Young	Integrated Document; Appendix G (civil design)		<ol> <li>Evaluate risk associated with the need for dewatering, especially in Reaches 2 and 3 adjacent to Pond A16, and adjust estimate or contingency.</li> </ol>			
6.6 Matt Young Integrated Document; Appendix G (civil design) 6.7 Matt Young Integrated Document; Appendix G (civil design)	R.	65	Matt Young	Integrated Document; Appendix G (civil design)		<ol><li>Correct Appendix 6 text regarding the quantity of wick drain linear feet. Check cost estimate to ensure correct quantity of wick drain linear feet was previously provided and used in the estimate.</li></ol>			
6.7 Matt Young Integrated Document; Appendix G (civil design)	PR	9.6	Matt Young	Integrated Document; Appendix G (civil design)		<ol> <li>Evaluate assumptions regarding availability of borrow from other non-Federal sponsor-owned FRM project sites and adjust cost estimate as necessary.</li> </ol>	1000		
	PR	6.7	Matt Young	Integrated Document; Appendix G (civil design)		<ol> <li>Evaluate the number and placement of ditch blocks or additional channels to achieve the objective to not strand fish. Conversely, modify the objective regarding stranding fish.</li> </ol>			

		ted Support																		as 032_BCC 1								to multiple			as 31_EPA_1		as 31_EPA_1		as 032_BCC 1	as 31_EPA_1	as 31_EPA_1	to multiple
		ompleted Notes/Requested Support																		change is same as 032_BCC 1								change applies to multiple	comments		change is same as 31_EPA_1		change is same as 31_EPA_		change is same as 032_BCC 1	change is same as 31_EPA_1	change is same as 31_EPA.	change applies to multiple
		ompleted																														NA		NA				
Revisio	n Assgin	ed To:	Dawn	Dawn		Dawn	Dawn																						Judy			NA		NA				Case
	n Section/Pa Assgin	ge										Dawn															Exec	Summary	and Ch 9			NA		NA				143
	What change is to be																				Describe implementation	schedule and Fed and	non-Fed implementation	responsibilities for	cost/Tunding,	and adaptive	management, and	operation and	maintenance			none		none				annotated table of
		Doc to be Rev	Integrated Doc	Integrated Doc	Dawn	Integrated Doc	Integrated Doc	Dawn	Dawn			Integrated Doc		Dawn			none			Integrated Doc									Integrated Do maintenance	Integrated Doc		NA		NA				annotate
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		Response Autho	Dawn	Dawn	Dawn	Dawn	Dawn	Dawn	Dawn	Dawn	Dawn	Dawn	Dawn/John/Bren	Dawn/SCVWD	DELETED	FWS (via Brenda)	John	John	John	Judy									Judy	Judy	Judy	Judy	Judy	Judy	Judy	Judy	Judy	lidv/Brenda/Rill
		Code	9	7	7	6	10		16	17	31		12	4	1	18	e	10	24	1									1	2	2	9	9	7	11	13	27	,
		Letter Name	024_SFBTr	024_SFBTr	031_EPA	016_Caltrans	016_Caltrans	027_RWQCB	027_RWQCB	028_CCCR.SFB	028_CCCR.SFB	028_CCCR.SFB	031_EPA	031_EPA	037_Liccardo	027_RWQCB	036_Leddy	027_RWQCB	027_RWQCB	028_CCCR.SFB									031_EPA	011_SLC	031_EPA	028_CCCR.SFB	030_SJ	028_CCCR.SFB	028_CCCR.SFB	031_EPA	027_RWQCB	032 BCC
	IREAL	Ω	8843	8843	8836	8831	8831		8855	8856	8856	8856	8836	8836	8852	8855	8851	8855	8855	8856									8836	8789	8836	8856		8856	8856	8836	8855	8847
	Review		Public	Public		Public	Public		Public	Public	Public	Public	Public	Public		Public	Public	Public	Public	Public									Public	Public	Public	Public		Public	Public	Public	Public	Public



# Making, Documenting and Sharing Decisions

PRESENTERS: Ray Wimbrough, Mark Kramer, Angie Dunn, Stephanie Groleau, and Charles Hanneken

# **ABOUT THIS SESSION**

## The main messages of this session are:

- Identify roles and responsibilities of the vertical team in aligning decisions-making expectations prior to analysis.
- List methods to identify and resolve issues within the vertical team.
- Identify the planning tools used for documenting and sharing project related decisions.
   (DMP, decision logs, memos, charettes, IPRs, etc.).
- Identify the relationship between of the DMP, RR, and PMP in assisting teams in making informed decisions.
- Describe the overall value of all planning tools and how they inform decision making.

## Why are these points significant for team members to know and understand?

- Define roles/responsibilities and provide transparency in the decision making process.
- Using planning tools to tell a succinct and complete story.
- Clarity of the expectations at all three levels of vertical team review for the final product.



## WHAT I AM GOING TO TAKE BACK?



# Making, Documenting and Sharing Decisions

WHICH BRANCHES, SECTIONS, AND/OR INDIVIDUALS WILL THIS AFFECT IN MY DISTRICT?

List them here, note how it may affect them, and how you plan on sharing this information.

WHO NEEDS TO KNOW?	WHY DO THEY NEED TO KNOW?	HOW CAN I SHARE THIS INFORMATION?

WILL THIS INFORMATION AFFECT OTHER PARTIES OUTSIDE OF THE DISTRICT (NON-FEDERAL SPONSOR, OTHER AGENCIES, STAKEHOLDERS, OTHER)?

If so, list them here, note how it may affect them, and how you plan on sharing this information.

WHO NEEDS TO KNOW?	WHY DO THEY NEED TO KNOW?	HOW CAN I SHARE THIS INFORMATION?

# SESSION Critical Thinking and Its Application

# PRESENTER: Dr. Monique Turner

## **ABOUT THIS SESSION**

## The main messages of this session are:

- Understand what critical thinking means for Planning, planning activities, decisions, and products.
- Share methods to effectively describe creative and innovative team critical thinking that supports the iterative decision-making planning process.
- Recognize how biases affect team critical thinking.

## Why are these points significant for team members to know and understand?

 Understanding, exercising and effectively communicating critical thinking will more readily align the Project Delivery and Vertical Teams, and improve the quality of reports and presentations.



#### WHAT I AM GOING TO TAKE BACK?



# SESSION Critical Thinking and Its Application

WHICH BRANCHES, SECTIONS, AND/OR INDIVIDUALS WILL THIS AFFECT IN MY DISTRICT?

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# How to Effectively Write and Respond to Review Comments

PRESENTERS: Miki Fujitsubo, Camie Knollenberg, and Eric Thaut

FACILITATORS: Karen Miller, Amy Frantz, Greg Steele, and Jeremy LaDart

## **ABOUT THIS SESSION**

## The main messages of this session are:

- The requirements for and use of the 4-part comment structure.
- The key components of an effective comment response.
- When and how to document discussions between PDT members and reviewers.

## Why are these points significant for team members to know and understand?

Comments and responses should be succinctly written and well supported. They should also:

- Enable timely resolution of concerns.
- Save time and money.
- Promote transparency.
- Improve the quality of planning products, decision making, and project implementation.

#### Supporting information and updates can be found at:

 Planning Community Toolbox, "Peer Review" page: http://planning.usace.army.mil/toolbox/current.cfm?Title=Peer%20Review&ThisPage= Peer&Side=No



#### WHAT I AM GOING TO TAKE BACK?



# How to Effectively Write and Respond to Review Comments

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# ALIGNING EXPECTATIONS

# How to Effectively Write and Respond to Review Comments

# PEOPLE AND PROJECTS BENEFIT FROM EFFECTIVELY WRITTEN COMMENTS AND RESPONSES

Effectively written comments and responses:

- ✓ Improve the quality of planning products, decision making, and project implementation,
- ✓ Save time and funding,
- ✓ Minimize schedule delays due to prolonged review engagements, and
- ✓ Make your life a little bit easier ... and less stressful.

Effectively written comments and responses also promote communication and transparency, which:

- ✓ Minimize potential misunderstandings between PDT members and reviewers,
- ✓ Document the review history so that previously raised concerns are not rehashed over and over,
- ✓ Inform decision makers about how concerns were resolved, and
- Result in an accountable and professional public record.

# COMPONENTS OF A COMMENT-RESPONSE RECORD

\*Discussion – optional, use as appropriate

This handout describes the key components and best practices, including things to avoid, when writing effective comments, responses, and discussions.

# **UNIVERSAL BEST PRACTICES**

- ✓ Be succinct ✓ Be professional ✓ Be respectful
- ✓ Focus on improving the products, decision making, and project implementation
- ✓ Review proposed comments and responses to ensure consistency

# **EFFECTIVE REVIEW COMMENTS: BEST PRACTICES**

- ✓ Review comments should be limited to those that are required to ensure adequacy of the product; that is, comments that substantively improve the quality of the planning product, decision making, or project implementation.
- ✓ Review comments should be succinct and enable timely resolution of the concern.
- ✓ The 4 key parts of an effective comment (**4 Part Comment Structure**) are outlined in Appendix C of EC 1165-2-214, Paragraph 3. i.
- ✓ EC 1165-2-214 requires use of the 4 Part Comment Structure for Agency Technical Review (ATR) and Independent External Peer Review (IEPR); however, its use adds value to ANY level of review.
- ✓ The 4 Part Comment Structure is a useful tool for writing effective comments; however, reviewers should still **think critically** when using the 4 part structure.

#### THE FOUR PART COMMENT STRUCTURE



**THE REVIEW CONCERN** Identify the product's information deficiency or incorrect application of policy, guidance or procedures. Simply put, this component should succinctly state the problem the reviewer is pointing out.



**THE BASIS FOR THE CONCERN** Cite the appropriate law, policy, guidance, procedure, or state of the practice that has not been followed. Failure to meet the basic communication aspects of a decision document (informing decision makers and the public) may also be the basis for a concern.



**THE SIGNIFICANCE OF THE CONCERN** Indicate the importance of the concern with regard to its potential impact on the plan selection, recommended plan components, efficiency, effectiveness, implementation responsibilities, safety, Federal interest, or public acceptability. Be specific; this is not just a statement of low, medium, or high significance.



THE PROBABLE SPECIFIC ACTION NEEDED TO RESOLVE THE CONCERN Identify the recommended action(s) to be taken to resolve the concern. Be specific, such as where possible revisions to the report or additional analysis may be needed.

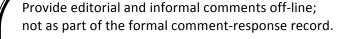
Well written review comments are the foundation of an effective review process

– just as well written problem statements are the foundation of an effective study process.

## WHAT TO AVOID WHEN WRITING AN EFFECTIVE REVIEW COMMENT

- Attempts to enforce personal preferences over otherwise acceptable practices
- The use of personal pronouns or opinions
- Criticism of an individual rather than comments on the product
- Any other issues that do not add value towards planning decisions and recommendations or do not make the plan safer, more functional, or more economical

DO NOT INCLUDE



### For example:

- Spelling, grammar, format or language
- Repetitive comments on the same subject
- Issues that will not contribute to the quality of decision making or the project
- Minor numerical errors that do not affect validity

These concerns can be most efficiently provided and addressed informally, and don't significantly benefit from use of the 4 part comment structure.

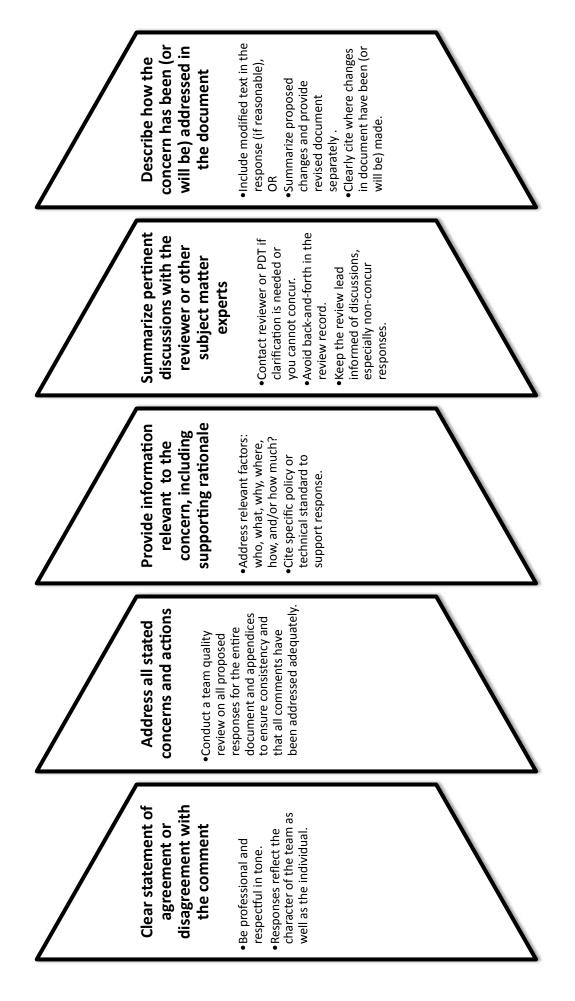
Effective use of the 4 Part Comment Structure can be challenging, and using all four parts may not always be practical depending on the nature of a given concern, but reviewers should endeavor to use the 4 parts to the whenever possible.

For example, when addressing incomplete or unclear information, comments may seek clarification in order to then assess whether further specific concerns may exist. In such situations, comments generally would defer identifying a probable solution pending further clarification and discussion.

# **EFFECTIVE COMMENT RESPONSES: BEST PRACTICES**

- ✓ Comment responses should clearly address the stated concern(s), with a focus on **improving the adequacy of the product**; that is, substantive improvements to the quality of the planning product, decision making, or project implementation.
- ✓ Comment responses should be **succinct** and provide **specific and relevant** information to enable **timely resolution** of the concern.
- Responses should clearly explain the agreement or disagreement with the comment, the actions undertaken or to be undertaken in response to the comment, and the reasons those actions are believed to satisfy the stated concerns.
- Responses should be provided by the product author or by an individual experienced in subject matter of the comment, but should also reflect an organizational rather than individual perspective.
- ✓ Responses should summarize pertinent vertical coordination or guidance that supports resolution of the concern.

# 5 KEY COMPONENTS TO AN EFFECTIVE COMMENT RESPONSE



## WHAT TO AVOID WHEN WRITING AN EFFECTIVE COMMENT RESPONSE

- Expression of personal opinions or perspectives.
- Use of personal pronouns
- Criticism of an individual rather than responding to the concern
- Becoming defensive.
- Unsupported statements
  - Provide policy or technical basis
- Ambiguous statements
  - Be specific and direct, allow reviewer to react

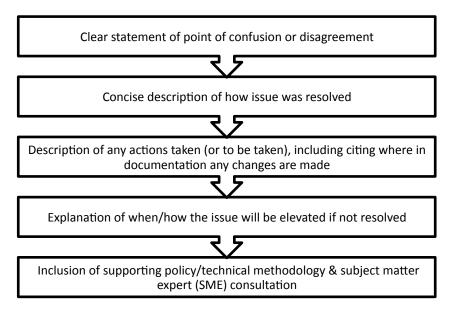
DO NOT INCLUDE



# **EFFECTIVE DISCUSSION DOCUMENTATION: BEST PRACTICES**

- Best practices mirror those for a comment response, and should:
  - ✓ Summarize pertinent points of discussion, including explaining how any disagreements were resolved (or elevated),
  - ✓ **Confirm understanding** between PDT member and reviewer,
  - ✓ Serve to improve clarity and completeness of the comment-response record, and
  - ✓ **Provide transparency** in the event the concern is raised later in the study or in another level of review, or should there be questions about the how the concern was resolved.

## KEY COMPONENTS TO DISCUSSION DOCUMENTATION AND WHAT TO AVOID



- Verbatim record of back and forth discussion
- Expression of personal opinions/perspectives
- Criticism of an individual
- "Agree to disagree" statement; acceptable outcomes are the concern was:
  - •Resolved to the satisfaction of all parties
  - •Determined to not be substantive after discussion
  - Elevated for resolution

**DO NOT INCLUDE** 



# **REASONS TO HAVE AND DOCUMENT A DISCUSSION**

# REVIEWER

- When: Prior to writing a comment.
- Why: To seek clarification or additional information to better identify or describe a potential concern.
- Value: Enables the reviewer to write a more effective comment or possibly to determine a comment isn't warranted.
- Documentation: The discussion should result in an improved written comment.

# **PDT MEMBER**

- When: Prior to writing a response.
- Why: To seek clarification about a comment OR if the PDT member does not agree with the comment.
- Value: Ensures understanding of the comment and helps the PDT member to provide a relevant and effective response.
- Documentation: The response should include a succinct summary of the pertinent points of discussion that clarify the comment and/or the response.

# REVIEWER

- When: During comment backcheck.
- Why: To seek clarification about the response or to resolve disagreement.
- Value: Ensures understanding of the response and how it did or did not address the concern. When applicable, also facilitates timely and effective resolution of any disagreements or identification of key issues to be elevated for resolution.
- **Documentation:** Succinct summary of the pertinent points of discussion that clarify how the concern was addressed, how any disagreements were resolved, or the specific issues to be elevated for resolution.

# Working Together to Modernize Planning



# SUSTAINING PLANNING CAPABILITY — SUPPORTING PLANNERS WITH TOOLS AND TRAINING

Session Take Back Forms







# Working Together to Modernize Planning

Delivering sustainable solutions to America's water resource challenges.

Our People, Process, Projects and Program

# SUSTAINING PLANNING CAPABILITY SESSIONS

- Workforce Development, Mentoring, Planner Career Roadmaps and Training
- Using the Risk Register and Decision Management Plan to Understand and Communicate Risk and Uncertainty
- Moving from Flood and Coastal Storm Damage Reduction to Risk Management
- Building the Project Management Plan and P2 Tasks based on the Risk Register and Decision Management Plan
- Virtual Teaming: Tools, Techniques, Tips and Etiquette
- More than a Report: Telling the Planning Story to Multiple Audiences
- The National Water Resources Certified Planner Program and Agency Technical Review Certification



# Workforce Development Mentoring, Planner Career Roadmaps and Training

PRESENTERS: Tiffany Vanosdall, Judy McCrea, Camie Knollenberg, and Kim Otto

# **ABOUT THIS SESSION**

## The main messages of this session are:

- Understanding the Planner Workforce Development program.
- How to access materials from the new Planning Core Curriculum (PCC).
- Formal (PROSPECT) and informal training opportunities beyond the PCC.
- Using Career Roadmaps to inform Individual Development Plans (IDPs).
- Opportunities for technical mentoring program participation.

## Why are these points significant for team members to know and understand?

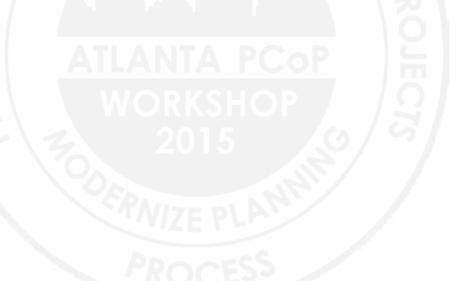
- Developing and maintaining planner capability is essential in ensuring quality products into the future. A variety of tools are available to assist in developing each planner, regardless of where they are in their career.
- Due to limited budgets, alternative delivery methods are being utilized to make training readily available to all planners.
- It is the responsibility of each planner and their supervisor to continually reassess training needs and develop a strategy to meet those needs.
- There's more to training than the Purple Book.

## Supporting information and updates can be found at:

- USACE Learning Center: http://ulc.usace.army.mil/
- FY16 Purple Book: http://ulc.usace.army.mil/downloads/purplebook2016.pdf
- Plan Formulation career roadmap on SharePoint: https://cops.usace.army.mil/sites/PLAN/planform/Shared%20Documents/Career%20Road map%20and%20KSAs/Plan%20Form%20KSA%20and%20Training%20List%20post%20Dallas%20 Meeting.pdf



#### WHAT I AM GOING TO TAKE BACK?



# Workforce Development Mentoring, Planner Career Roadmaps and Training

WHICH BRANCHES, SECTIONS, AND/OR INDIVIDUALS WILL THIS AFFECT IN MY DISTRICT?

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# Using the Risk Register and Decision Management Plan to Understand and Communicate Risk and Uncertainty

PRESENTERS: Brian Harper, Scott Nicholson, Kendall Zaborowski, and Jerry Fuentes

## **ABOUT THIS SESSION**

#### The main messages of this session are:

• This session will describe the use of the Decision Management Plan and Risk Register to identify and clearly communicate study risks.

#### Why are these points significant for team members to know and understand?

- Don't like "surprises" during policy, technical, and public reviews? Then use these tools early to explain to others what you're going to do, how you're going to do it, and why. Put their feedback to use before you do the work, instead of after.
- Communication within the team and with the sponsor, resource agencies, and vertical team is facilitated by clear and objective evaluation of study risks.
- The DMP and RR can save time and money when they're used as complementary tools rather than viewed as checklist requirements.

## Supporting information and updates can be found at:

- SMART Guide Tools: http://planning.usace.army.mil/toolbox/smart.cfm?Section=8&Part=0
- Webinars on Risk Management in Planning May 2013: http://planning.usace.army.mil/toolbox/resources.cfm?ld=0&Option=Planning%20Webinars
- Web-based Tools: www.iwrmsuite.us



## WHAT I AM GOING TO TAKE BACK?



# Using the RR and DMP to Understand and Communicate Risk and Uncertainty

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# Moving from Flood and Coastal Storm Damage Reduction to Risk Management

PRESENTERS: Eric Halpin, Larry Cocchieri and Cliff Jones

FACILITATOR: Maria Wegner

## **ABOUT THIS SESSION**

## The main messages of this session are:

- Hurricane Katrina demonstrated the limitations of damage reduction. Monetary damages, primarily to structures, only account for one type of benefit/cost of projects.
- Planning after Hurricane Sandy demonstrated some of the move to a risk management framework, though some challenges remain.
- Flood and coastal storm risk are shared responsibilities. USACE can and should plan for shared implementation of risk management measures.

## Why are these points significant for team members to know and understand?

- USACE alone cannot manage flood and coastal risks.
- A risk management approach to coastal and flood risk requires USACE acknowledge uncertainties in terms of economics, human health and safety, the environment and other aspects that describe potential alternatives.
- USACE must be well-versed in risk and systems thinking and capable of engaging in and leading collaboration. (John Woodley, Jr.—April 16, 2008).

## Supporting information and updates can be found at:

 Improving Public Safety: From Federal Protection to Shared Risk Reduction. Online at: http://www.iwr.usace.army.mil/Portals/70/docs/frmp/FloodPolicyWhitePaperfEB08.pdf

WHAT I AM GOING TO TAKE BACK?

If something struck you as significant



# Moving from Flood and Coastal Storm Damage Reduction to Risk Management

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# Building the Project Management Plan and P2 Tasks Based on the Risk Register and Decision Management Plan

# PRESENTERS: Melissa Hallas, Aaron Snyder and Stephanie Groleau

# **ABOUT THIS SESSION**

#### The main messages of this session are:

- Focus on decisions, not tasks.
- The relationship between the Risk Register (RR), Decision Management Plan (DMP), and Project Management Plan (PMP).
- The evolution of a PMP from study start to the TSP Milestone.
- How risks and decisions evolve through the study process using the online tools available.

## Why are these points significant for team members to know and understand?

- Milestones will run much smoother if the work is done ahead of time in the RR, DMP, PMP, etc. and submitted as focused, well connected, read ahead material.
- The scope, budget, possible policy exemption(s), and recommended plan are all based on risk and uncertainty.
- These tools interlink Planning and Project Management.

## Supporting information and updates can be found at:

- SMART Guide Tools: http://planning.usace.army.mil/toolbox/smart.cfm?Section=8&Part=0
- Risk Management in Planning: Tools and Application (May 2013 webinar):
   http://planning.usace.army.mil/toolbox/webinars/RiskMgmtApplication\_16May2013.pdf
- Web-based Risk Management Tools: www.iwrmsuite.us





# Building the Project Management Plan and P2 Tasks Based on the RR and DMP

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# Virtual Teaming: Tools, Techniques, Tips and Etiquette

PRESENTERS: Maria Wegner and Camie Knollenberg

Virtually: Maria Lantz and Martin Durkin

## **ABOUT THIS SESSION**

## The main messages of this session are:

- There are many technological tools for Corps Project Delivery Teams (PDTs) to deliver realtime methods of Virtual Teaming.
- There are many different platforms for Virtual Teaming and e-Collaboration to choose from.
- Use of technology can greatly enhance Virtual Teaming engagements.

# Why are these points significant for team members to know and understand?

- We must learn to make the most of every virtual engagement to accommodate reduced study budget, limited travel funding, and our agency's shift to a more regional and national workforce.
- With practice and planning, Virtual Team Engagements can be as effective as face-to-face ones with significantly less cost.



#### WHAT I AM GOING TO TAKE BACK?



# Virtual Teaming: Tools, Techniques, Tips and Etiquette

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# More than a Report: Telling the Planning Story to Multiple Audiences

# PRESENTERS: Kendall Zaborowski, Sara Schultz and Jerry Fuentes

## **ABOUT THIS SESSION**

#### The main messages of this session are:

- Knowing your audience is the key to telling a succinct and compelling planning story for a variety of internal and external interests.
- Use the information you have already generated in risk registers, decision management plans (DMPs), and other documents to build your report and other communication materials.
- Words are not enough to support the decision process.

## Why are these points significant for team members to know and understand?

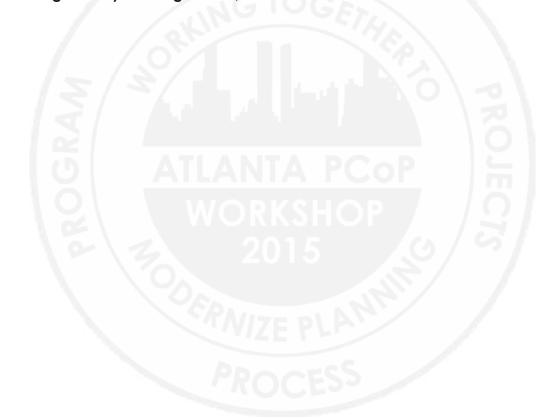
- Almost no one is going to take the time to read that report you just wrote, but you still need to communicate the information to a variety of people. How are you going to get that done?
- SMART planning tools used effectively make it easier to write your report and communicate critical information.

## Supporting information and updates can be found at:

 Summary of the GLMRIS Report: Great Lakes and Mississippi River Interbasin Study. Online at: http://glmris.anl.gov/documents/docs/glmrisreport/GLMRISSummaryReport.pdf



## WHAT I AM GOING TO TAKE BACK?



# More than a Report: Telling the Planning Story to Multiple Audiences

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# The National Water Resources Certified Planner Program and Agency Technical Review Certification

PRESENTERS: Michael Wyatt and Jodi Creswell

Q/A PANEL: Dave Moser, Maria Wegner, Heather Morgan, and Greg Steele

#### **ABOUT THIS SESSION**

#### The main messages of this session are:

 Participants will learn about purpose, procedures and process for new professional certifications within USACE: ATR Certification and the National Water Resources Certified Planner Program.

## Why are these points significant for team members to know and understand?

- New certification opportunities for planners will allow for professional growth and development to planners within Districts.
- The role of Agency Technical Review (ATR) in the study process is changing and future participation on ATR teams will be limited to certified individuals.
- National Water Resources Certified Planner Program is an opportunity for lead planners to become regional and national assets as well as set a high standard for our industry.

# WHAT I AM GOING TO TAKE BACK? If something struck you as significant



# The National Water Resources Certified Planner Program and ATR Certification

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# Working Together to Modernize Planning



PARTICIPANTS IN THE 2015 PLANNING COMMUNITY OF PRACTICE TRAINING







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Delivering sustainable solutions to America's water resource challenges.

Our People, Process, Projects and Program

## 2015 PCoP TRAINING ATTENDEES

Lea Adams - Institute for Water Resources

Rebecca Albert - Huntington District

Julie Alcon - Albuquerque District

Danny Allen - Ft. Worth District

Trish Anslow - Little Rock District

Dave Apple - Jacksonville District

Lance Awsumb - St. Paul District

Josephine Axt - South Pacific Division

Amy Babey - Louisville District

Bill Bailey - Savannah District

Anne Baker - Sacramento District

Bob Bank - HQ Engineering and Construction CoP

Ronnie Barcak - Alaska District

Cindy Barger - Pacific Ocean Division

Tomma Barnes - Pittsburgh District

Ken Barr - Rock Island District

Charyl Barrow - Seattle District

Kelly Baxter - Omaha District

Andrea Bias-Streat - HQ Program and Project

Management CoP

Dan Bierly - Baltimore District

Terry Birkenstock - St. Paul District

Peter Blum - Philadelphia District

Barbara Blumeris - New England District

Todd Boatman - Mobile District

Cindy Boen - Walla Walla District

Sharon Bond - Louisville District

Chris Bouquot - Huntington District

Candida Bronson - Jacksonville District

Stacey Brown - HQ SAD RIT

Tab Brown - HQ Planning and Policy

David Bucaro - Chicago District

Amanda Burt - Nashville District

Eric Bush - Jacksonville District

Bruce Carlson - HQ Planning and Policy

Justin Carlson - Huntington District

Kim Carsell - Sacramento District

Alfred Chai - South Atlantic Division

Brian Chewnina - Mississippi Valley Division

Noel Clay - Great Lakes and Ohio River Division

Jodi Clifford - Los Angeles District

John Cline - HQ Real Estate CoP

Larry Cocchieri - North Atlantic Division

Al Cofrancesco - FRDC

Wes Coleman - HQ OWPR

Dave Combs - Northwestern Division

Tammy Conforti - HQ Levee Safety Program

Susan Conner - Norfolk District

Janet Cote - Norfolk District

Mark Cowan - Sacramento District

Travis Creel - New Orleans District

Jodi Creswell - HQ Planning CoP

Brandon Davis - Vicksburg District

Sue Davis - Chicago District

Nathan Dayan - Savannah District

Ed Demesa - Los Angeles District

Idris Dobbs - Norfolk District

Mark Doles - Albuquerque District

Patrick Donovan - Huntington District

Angie Dunn - HQ NWD/POD RIT

Eddie DuRant - Norfolk District

Susan Durden - Institute for Water Resources

Kathleen Evans - Risk Management Center

Mike Fedoroff - Mobile District

Bob Finch - Honolulu District

Steve Fischer - Northwestern Division

Curtis Flakes - Mobile District

Tim Fleeger - Pittsburgh District

Eugene Fleming - Chicago District

Jodie Foster - Ft. Worth District

Adam Fox - Detroit District

Naomi Fraenkel - North Atlantic Division

Kim Franklin - Nashville District

Amy Frantz - Huntington District

Jim Fredericks - Northwestern Division

Tony Friona - ERDC

Jerry Fuentes - Sacramento District

Miki Fujitsubo - South Pacific Division

Jeanette Gallihugh - HQ Planning and Policy

Cassidy Garden - Kansas City District

Elden Gatwood - Wilmington District

Nancy Gleason - Seattle District

Enrique Godinez - Northwestern Division

Doug Gorecki - HQ OWPR

Stephanie Groleau - Jacksonville District

John Grothaus - Kansas City District

Hank Gruber - North Atlantic Division

Jennifer Guffey - Louisville District

Evie Haberer - HQ OWPR

Melissa Hallas - Sacramento District

Mike Hallisy - Los Angeles District

Eric Halpin - HQ Dam and Levee Safety Program

Mark Hammond - Great Lakes and Ohio River Division

Charlie Hanneken - HQ MVD RIT

Marty Harm - Savannah District

Brian Harper - Institute for Water Resources

Tonya Harrington - Detroit District

Chris Hatfield - New England District

Beverly Hayes - HQ Planning CoP

Bob Heinly - Galveston District

Roselle Henn - North Atlantic Division

Tom Herbert - Nashville District

Laura Hicks - Portland District

Linda Hihara-Endo - Pacific Ocean Division

Keith Hofseth - Institute for Water Resources

Allen Holland - Kansas City District

Martin Hudson - Northwestern Division



# **Working Together to Modernize Planning**

Sue Hughes - HQ Planning CoP Tom Hughes - OASA(CW)

Jim Hutchison - Los Angeles District

Jenny Jacobson - Mobile District

Kelly Janes - San Francisco District

Hank Jarboe - Great Lakes and Ohio River Division

Cheryl Jaynes - Galveston District

Tom Jester - Savannah District

Brian Johnson - St. Louis District

Greg Johnson - Omaha District Cliff Jones - North Atlantic Division

Rebecca Kalamasz - Walla Walla District

Diane Karnish - Rock Island District Kelly Keefe - Jacksonville District

Kurt Keilman - South Pacific Division

Charissa Kelly - Southwestern Division

Deanie Kennedy - South Pacific Division John Kennelly - New England District

Lisa Kiefel - HQ Planning CoP

Alicia Kirchner - Sacramento District

Camie Knollenberg - Rock Island District

Chris Koeppel - Mississippi Valley Division

Greg Kohler - St. Louis District

Shawn Komlos - Institute for Water Resources

Steve Kopecky - HQ NWD/POD RIT

Mark Kramer - HQ NWD/POD RIT

Rhiannon Kucharski - Sacramento District

Fay Lachney - Mississippi Valley Division

Jeremy LaDart - HQ OWPR

Meredith LaDart - Mobile District

Diana Laird - Galveston District

Doug Lamont - OASA(CW)

Henri Langlois - OASA(CW)

Eric Laux - Omaha District

Bob Leitch - HQ Asset Management

Lauren Leuck - Institute for Water Resources

Evan Lewis - Seattle District

Gene Lilly - Tulsa District

Jeff Lin - HQ SAD RIT

Dan Linkowski - Chicago District

Kevin Logan - HQ Program and Project

Management CoP

Amanda Lynch - Little Rock District

Eric Lynn - Kansas City District

Andy MacInnes - New Orleans District

Chuck MacIntosh - Philadelphia District

Mike Maaley - South Atlantic Division

Marc Masnor - Tulsa District

Marianne Matheny-Katz - OASA(CW)

Ian Mathis - Institute for Water Resources

Judy McCrea - San Francisco District

Patti McKenna - Buffalo District

Rachel Mesko - Seattle District

Walker Messer - Mobile District

Mark Messersmith - Charleston District

Greg Miller - New Orleans District

Karen Miller - Huntington District

Scott Miner - Sacramento District

Patrice Morey - Jacksonville District

Heather Morgan - HQ Engineering and Construction CoP

Dave Moser - Institute for Water Resources

Becky Moyer - Southwestern Division

Brian Mulvey - San Francisco District

Todd Nettles - Mobile District

Rob Newman - Ft. Worth District

Scott Nicholson - HQ OWPR

Patrick Nowak - Omaha District

Patrick O'Donnell - South Atlantic Division

Kim Otto - Mobile District

Jenny Owens - Wilmington District

Wilbert Paynes - South Atlantic Division

John Peukert - Pittsburgh District

Shawn Phillips - Memphis District

Cherilyn Plaxco - Southwestern Division

Marshall Plumley - Rock Island District

Carla Quinn - Baltimore District

Gina Ralph - Jacksonville District

Courtney Reed - New Orleans District

Kara Reeves - Omaha District

Jerica Richardson - St. Louis District

Valerie Ringold - Seattle District

Andrew Roach - Baltimore District

Erin Rooks - Institute for Water Resources

Sarah Ross Arrouzet - Sacramento District

Ed Rossman - Tulsa District

Erik Rourke - Philadelphia District

Ronny Sadri - Great Lakes and Ohio River Division

Mike Saffran - Great Lakes and Ohio River Division

Debby Scerno - South Atlantic Division

Kris Schafer - Albuquerque District

Heather Schlosser - Los Angeles District

David Schulenberg - Buffalo District

Sara Schultz - Sacramento District

Caitlyn Schwall - Mobile District

Amy Sharp - OASA(CW)

Jason Shea - New York District

Cathy Shuman - HQ NAD RIT

Mindy Simmons - HQ Planning and Policy

Leigh Skaggs - South Pacific Division

Julia Smethurst - Little Rock District

Jason Smith - Rock Island District

Aaron Snyder - St. Paul District

Jason Spinning - Jacksonville District

Greg Steele - Norfolk District

Elliott Stefanik - St. Paul District

Sandy Stiles - New Orleans District

Jeff Strahan - HQ OWPR

Terry Stratton - South Atlantic Division

Eric Summa - Jacksonville District

Jennifer Switzer - Kansas City District

Cindy Tejeda - South Pacific Division

Eric Thaut - South Pacific Division

Brad Thompson - Omaha District

Dave Tipple - Jacksonville District

Tanis Toland - Sacramento District

Danielle Tommaso - New York District

Jeff Tripe - Kansas City District

Jeff Trulick - HQ OWPR

Renee Turner - Mississippi Valley Division

Charlie Uhlarik - Detroit District

Cindy Upah - Omaha District

Tiffany Vanosdall - Omaha District

Fric Verwers - Ft Worth District

Laura Vicinie - Institute for Water Resources

Joe Vietri - North Atlantic Division

Andrea Walker - HQ OWPR

Bret Walters - Charleston District

Marty Wargo - Buffalo District

Maria Wegner - HQ Planning and Policy

Rena Weichenbera - North Atlantic Division

Rebecca J. Weiss - Northwestern Division

Rayford Wilbanks - Mississippi Valley Division

Katie Williams - HQ SWD RIT

Ray Wimbrough - HQ NAD RIT

Michael Wyatt - Seattle District

Gary Young - Mississippi Valley Division Kendall Zaborowski - Louisville District





# Working Together to Modernize Planning

Delivering sustainable solutions to America's water resource challenges.

Our People, Process, Projects and Program

We hope you learned a lot this week and share what you have learned with your colleagues, project sponsors and stakeholders back home.

Questions, suggestions, and feedback to the Planning Community on Practice are always welcome at haplanning@usace.army.mil – we want to hear from you.

#### **RESOURCES**

Working Together to Modernize Planning - 2015 PCoP Training SharePoint Site https://cops.usace.army.mil/sites/PLAN/PCoPtrn/default.aspx

Presentations, handouts, take back forms and more will be posted here after the workshop.

- Planning Community Toolbox www.corpsplanning.us
  - Tools for planners, including the Planner's Library, Planning SMART Guide, and helpful information and links for Planner Training, Processes, Tools and Communities.
- Integrated Water Resources Management Suite of Planning Tools www.iwrmsuite.us
  Online study tools, including Risk Registers, Decision Management Plans, and more.
- Planner Subject Matter Expertise Database http://sme.iwrmsuite.us/
  - Find Planners with the experience you need and be found by keeping your training and experience up to date on this convenient website.



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