# A TRAINING COURSE FOR MITIGATION BANKING & IN-LIEU FEE PROGRAM INTERAGENCY REVIEW TEAMS

# 2016 Course Resource List

[Contents of DVD-ROM]

# I. Key Policy Resources

- A. \*Department of Defense and Environmental Protection Agency. April 10, 2008. Compensatory Mitigation for Losses of Aquatic Resources. Final rule. Federal Register. Vol. 73, No. 70: pp. 19594-19705. [https://www.epa.gov/cwa-404/compensatory-mitigation]
- B. U.S. Department of Transportation, Federal Aviation Administration. August 28, 2007. Advisory Circular: Hazardous Wildlife Attractants On or Near Airports. AC No: 150/5200-33B. [http://www.faa.gov/documentLibrary/media/advisory\_circular/150-5200-33B/150\_5200\_33b.pdf]
- C. U.S. Army Corps of Engineers. August 3, 2008. Minimum Monitoring Requirements for Compensatory Mitigation Projects Involving, Restoration, Establishment and/or Enhancement of Aquatic Resources. Regulatory Guidance Letter No. 08-03. [http://www.usace.army.mil/Portals/2/docs/civilworks/RGLS/rgl08\_03.pdf]
- D. U.S. Army Corps of Engineers. Guidance on the Use of Financial Assurances, and Suggested Language for Special Conditions for Department of the Army Permits Requiring Performance Bonds. Regulatory Guidance Letter No. 05-01. [http://www.usace.army.mil/Portals/2/docs/civilworks/RGLS/rgl05\_01.pdf]
- E. U.S. Army Corps of Engineers and U.S. Environmental Protection Agency. November 7, 2003. *Model Compensatory Mitigation Plan Checklist for Aquatic Resource Impacts Under the Corps Regulatory Program Pursuant to Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act.* Memorandum to the Field. [https://www.epa.gov/cwa-404/model-mitigation-plan-checklist]
- F. U.S. Army Corps of Engineers. October 29, 2003. *Model "Operational Guidelines for Creating or Restoring Wetlands that are Ecologically Self-Sustaining" for Aquatic Resource Impacts Under the corps Regulatory Program Pursuant to Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act.* Memorandum to the Field. [https://www.epa.gov/cwa-404/memorandum-field-adaptation-national-research-council-compensatory-mitigation-guidelines]
- G. Federal Aviation Administration, U.S. Air Force, Department of the Army, U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, and U.S. Department of Agriculture. July 2003. *Memorandum of Agreement Between the Federal Aviation Administration, the U.S. Air Force, the U.S. Army, the U.S.*

- Environmental Protection Agency, the U.S. Fish and Wildlife Service, and the U.S. Department of Agriculture to Address Aircraft-Wildlife Strikes.

  [https://www.epa.gov/cwa-404/federal-aviation-administration-memorandum-agreement-address-aircraft-wildlife-strikes]
- H. Department of the Army, Federal Highway Administration, and U.S. Environmental Protection Agency. July 11, 2003. Federal Guidance on the Use of the TEA-21 Preference for Mitigation Banking to Fulfill Mitigation Requirements Under Section 404 of the Clean Water Act. [https://www.epa.gov/cwa-404/transportation-equity-act-21st-century-tea-21-guidance-federal-highway-administration]
- I. U.S. Fish and Wildlife Service. September 10, 1999. Final Policy on the National Wildlife Refuge System and Compensatory Mitigation Under the Section 10/404 Program. Federal Register. Vol. 64, No. 175: 49229-49234. [http://www.fws.gov/habitatconservation/Refuge%20Mitigation%20Policy%2019 99FR.pdf]
- J. U.S. Army Corps of Engineers. Nov 6, 2008. Implementation Guidance for the Water Resource Development Act of 2007- Section 2036(c) Wetlands Mitigation. [http://planning.usace.army.mil/toolbox/library/WRDA/wrda07sec2036c.pdf]
- K. U. S. Army Corps of Engineers. Aug 31, 2009. Implementation Guidance for Section 2036(a) of the Water Resources Development Act of 2007 (WRDA) – Mitigation for Fish and Wildlife and Wetlands Losses. [http://planning.usace.army.mil/toolbox/library/WRDA/wrda07sec2036a.pdf]
- L. U.S. Environmental Protection Agency and U.S. Department of the Army. February 6, 1990. *Memorandum of Agreement Between the Environmental Protection Agency and the Department of the Army Concerning the Determination of Mitigation Under the Clean Water Act Section 404(b)(1) Guidelines*. [https://www.epa.gov/cwa-404/memorandum-agreement]
- M. U.S. Environmental Protection Agency. 1980. Guidelines for Specification of Disposal Sites for Dredged or Fill Material. Federal Register. Vol. 45, No. 249: 85336-85357. [https://www.epa.gov/cwa-404/section-404b1-guidelines-40-cfr-230]

## **II. Session Resources**

# Session 1: Overview of 3<sup>rd</sup> Party Mitigation Policy and Regulations

- 1. \*Reference Document: "Overview of Federal Mitigation Banking Policy and Regulations"
- 2. EPA Fact Sheets: Wetland Regulatory Authority
- 3. EPA Fact Sheets: Compensatory Mitigation Fact Sheet, revised May 2008
- 4. EPA Fact Sheets: Mitigation Banking Fact Sheet, revised May 2008
- 5. EPA Fact Sheets: Compensatory Mitigation Rule, March 2008
- 6. Government Accountability Office. September 2005. Wetlands Protection: Corps of Engineers Does Not Have an Effective Oversight Approach to Ensure That Compensatory Mitigation Is Occurring. Washington, DC: GAO. GAO-05-898.
- 7. Institute for Water Resources, U.S. Army Corps of Engineers. The Mitigation Rule Retrospective: A Review of the 2008 Regulations Governing Compensatory Mitigation for Losses of Aquatic Resources.

  [https://www.epa.gov/cwa-404/mitigation-rule-retrospective-review-2008-regulations-governing-compensatory-mitigation]
- 8. Institute for Water Resources, U.S. Army Corps of Engineers. "National Wetland Mitigation Banking Study: Technical and Procedural Support to Mitigation Banking Guidance." IWR Technical Paper WMB-TP-2. See Chapter Five: "Financial and Legal Assurances." December 1995.
- 9. Madsen, Becca, Nathaniel Carroll, Daniel Kandy, and Genevieve Bennett, 2011 Update: State of Biodiversity Markets. Washington, DC: Forest Trends, 2011 [http://www.ecosystemmarketplace.com/reports/2011\_update\_sbdm]
- 10. Martin, Steven, Robert Brumbaugh, Paul Scodari, and David Olson. March 2006. *Compensatory Mitigation Practices in the U.S. Army Corps of Engineers*. U.S. Army Corps of Engineers Working Paper.
- 11. National Research Council. 2001. *Compensating for Wetland Losses Under the Clean Water Act*. National Academy Press.
- 12. Presidential Memo: Mitigating Impacts on Natural Resources From Development and Encouraging Related Private Investment. November 3, 2015.
- 13. Short, Cathleen. *Mitigation Banking*. U.S. Fish & Wildlife. Serv. Biol. Rep. 88(41). 1988.
- 14. U.S. Army Corps of Engineers and Environmental Protection Agency. Model Compensatory Mitigation Plan Checklist for Aquatic Resource Impacts Under the Corps Regulatory Program Pursuant to Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act.
- 15. U.S. Army Corps of Engineers. Flexibility and Clarifications Provided in the Preamble to 33 CFR 332. 2008.
- U.S. Army Corps of Engineers. Use of Mitigation Banks for U.S. Army Corps of Engineers Civil Works Projects. Policy Guidance Letter (PGL) No. 46. April 22, 1998.

- 17. Wilkinson, Jessica and Jared Thompson. 2005 Status Report on Compensatory Mitigation in the United States. Washington, DC: Environmental Law Institute. April 2006.
- 18. Wilkinson, Jessica, Roxanne Thomas and Jared Thompson. *The Status and Character of In-Lieu Fee Mitigation in the United States*. Washington, DC: Environmental Law Institute. June 2006.

#### Web Resources:

- EPA Compensatory Mitigation Reports and Evaluations published since 2000: https://www.epa.gov/cwa-404/compensatory-mitigation-evaluations-and-reports
- EPA Compensatory Mitigation Web page: <a href="https://www.epa.gov/cwa-404/compensatory-mitigation">https://www.epa.gov/cwa-404/compensatory-mitigation</a>

### Session 2: Bank Instrument Documentation and Overview of IRTs

#### **Part A: Instrument Documentation**

- 1. \*Reference Document: "Mitigation Banking and In-Lieu Fee Documentation: From Conceptual Plan to Final Banking Instrument"
- \*California 8 Party MOU on Mitigation and Conservation Banking and ILF Programs (2011)
- 3. \*California BEI Template, May 2008.
- 4. \*California Mitigation Banking Proposal Procedures, September 2010.
- 5. Charleston District, U.S. Army Corps of Engineers. MBI Template. 2009.
- Charleston District, U.S. Army Corps of Engineers. Prospectus Template. 2010.
- 7. Fort Worth District, U.S. Army Corps of Engineers. MBI Template, 2010
- 8. Fort Worth District, U.S. Army Corps of Engineers. "Mitigation Plan Template." <a href="http://www.swf.usace.army.mil/Missions/Regulatory/Permitting/MitigationTemplates.aspx">http://www.swf.usace.army.mil/Missions/Regulatory/Permitting/MitigationTemplates.aspx</a>
- 9. Fort Worth District, U.S. Army Corps of Engineers. Prospectus Checklist, 2010
- 10. Iowa Mitigation Banking Package, February 2011
- Institute for Water Resources, U.S. Army Corps of Engineers. May 1996.
   "National Wetland Mitigation Banking Study: Model Banking Instrument." Alexandria, VA: USACE, IWR. IWR Technical Paper WMB-TP-1
- 12. Missouri Mitigation Banking Instrument Outline for Proposed Banks in the State. January 2010
- 13. Mobile District, U.S. Army Corps of Engineers. Banking Instrument Template, 2013
- 14. Mobile District, U.S. Army Corps of Engineers. Initial Review Checklist
- 15. New Orleans District, U.S. Army Corps of Engineers. MBI Template, April 2010

- 16. New Orleans District, U.S. Army Corps of Engineers. Mitigation SOP, June 2004
- 17. \*New Orleans District, U.S. Army Corps of Engineers. Prospectus checklist
- 18. New Orleans District, U.S. Army Corps of Engineers. Prospectus Template
- 19. Norfolk District, U.S. Army Corps of Engineers. MBI Template, February 2010
- 20. Norfolk District, U.S. Army Corps of Engineers. Prospectus Checklist, Oct 2009
- 21. North Dakota. Wetland Mitigation Banking in North Dakota Interagency Guidance for Mitigation Bank Sponsors 2010
- 22. Ohio Guidelines for Mitigation Banking, July 2011
- 23. Omaha District, U.S. Army Corps of Engineers. "Guidance for Compensatory Mitigation and Mitigation Banking in Omaha District" August 2005.

  [http://www.nwo.usace.army.mil/Portals/23/docs/regulatory/mitigation/200508-MitigationGuide.pdf]
- 24. Portland District, U.S. Army Corps of Engineers. Mitigation Plan Template, 2008
- 25. Portland District, U.S. Army Corps of Engineers. Oregon Mitigation Bank Prospectus, February 2012
- 26. Portland District, U.S. Army Corps of Engineers. Oregon MBI Template, December 2012
- 27. Sacramento and San Francisco Districts, U.S. Army Corps of Engineers. Mitigation and Monitoring Proposal Guidelines, December 2004
- 28. Savannah District, U.S. Army Corps of Engineers. "Standard Operating Procedure: Compensatory Mitigation." March 2004
- Seattle District, U.S. Army Corps of Engineers, Washington Department of Ecology, U.S. Environmental Protection Agency, Region 10. "Wetland Mitigation in Washington State: Part II – Developing Mitigation Plans." March 2006. <a href="http://www.ecy.wa.gov/programs/sea/wetlands/mitigation/guidance/index.html">http://www.ecy.wa.gov/programs/sea/wetlands/mitigation/guidance/index.html</a>
- 30. Seattle District, U.S. Army Corps of Engineers. Mitigation Bank Agreement Template 2013
- 31. Seattle District, U.S. Army Corps of Engineers. Mitigation Bank Instrument Submittal Procedures for Washington State 2013
- 32. St. Louis District, U.S. Army Corps of Engineers. "St. Louis District Mitigation and Monitoring Guidelines." June 30, 2004. http://www.mvs.usace.army.mil/Portals/54/docs/regulatory/mitigation/guidelines.pdf
- 33. St. Paul District, U.S. Army Corps of Engineers. Minnesota Mitigation Bank Instrument Template 2010
- 34. St. Paul District, U.S. Army Corps of Engineers. Mitigation Guidance for MN 2009
- South Pacific Division Regional Compensatory Mitigation and Monitoring Guidelines 2015 <a href="http://www.spd.usace.army.mil/Portals/13/docs/regulatory/mitigation/MitMon.pdf">http://www.spd.usace.army.mil/Portals/13/docs/regulatory/mitigation/MitMon.pdf</a>

- 36. \*U.S. Army Corps of Engineers and U.S. Environmental Protection Agency. Compensatory Mitigation Rule: Timeline for Bank or ILF Instrument Approval. 2008.
- 37. U.S. Army Corps of Engineers HQ. Mandatory Provision to Include in All Mitigation Bank & ILF Program Instruments July 9, 2014.
- 38. Wilmington District, U.S. Army Corps of Engineers. Final MBI Template January, 2013
- 39. Wilmington District, U.S. Army Corps of Engineers. "Monitoring Requirements and Performance Standards for Compensatory Mitigation in North Carolina" February 22, 2013.
- 40. Wilmington District, U.S. Army Corps of Engineers. NCIRT Mitigation Review Framework, September 2011
- 41. Wilmington District, U.S. Army Corps of Engineers. "North Carolina Stream Mitigation Guidelines" April 2003.
- 42. Wilmington District, U.S. Army Corps of Engineers. Prospectus Checklist, May 2012
- 43. Wilmington District, U.S. Army Corps of Engineers. "Stream Mitigation Considerations Checklist." April 2011.
- 44. Wilmington District, U.S. Army Corps of Engineers. "Use of Stream Preservation as Compensatory Mitigation In North Carolina". December 2012
- 45. Wilmington District, U.S. Army Corps of Engineers. "Wetland Mitigation Considerations Checklist." January 2011.
- 46. West Virginia Guidance on Mitigation Banking, February 2010
- 47. Wisconsin Template Mitigation Banking Instrument 2011

#### Part B: Composition and Role of Interagency Review Teams (IRTs)

- 1. \*Reference Document: "The Composition and Role of IRTs"
- 2. Alaska Statewide IRT. Roles & Responsibilities Agreement 2013
- 3. Ladd. Post-mitigation rule IRTs in New England: overseeing transitions from pre-rule to rule-compliant In-lieu fee programs. National Wetland Newsletter Vol 33(2): 2011.
- 4. Norfolk District, U.S. Army Corps of Engineers. Internal Bank Establishment SOP, Oct 2009
- 5. Oregon IRT Public Notice: Appropriate Use of Public Funds in Species and Wetland Projects January 2008.
- 6. Oregon IRT Roles and Responsibilities Agreement, 2013

## Part C: Role of State and District Mitigation Banking Policy and Regulations

- \*Reference Document: "The Role of State and District Mitigation Banking Policy and Regulations"
- 2. Charleston District, U.S. Army Corps of Engineers. "Guidelines for preparing a Compensatory Mitigation Plan" October 18, 2010.
- 3. Charleston District, U.S. Army Corps of Engineers, *et al.* "Joint State/Federal Administrative Procedures for the Establishment and Operation of Mitigation Banks in South Carolina." September 2002.
- Chicago District, U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, and U.S. Fish and Wildlife Service. "Interagency Coordination Agreement on Wetland Mitigation Banking within the Regulatory Boundaries of Chicago District, Corps of Engineers." June 2008
- 5. Fort Worth District, U.S. Army Corps of Engineers. "Annual Monitoring Report Form"
- 6. Fort Worth District, U.S. Army Corps of Engineers. "Mitigation Banking in the Fort Worth District." June 2011.
- 7. Fort Worth District, U.S. Army Corps of Engineers. "Fort Worth Mitigation Banking Guidance" August 2012.
- 8. New Orleans District, U.S. Army Corps of Engineers. "Compensatory Mitigation
- 9. Rock Island District, U.S. Army Corps of Engineers. "Rock Island District Wetland Mitigation Monitoring Report (1-5 year)"
- 10. Rock Island District, U.S. Army Corps of Engineers. "Rock Island District Wetland Mitigation Monitoring Report (6-10 year)"
- Savannah District, U.S. Army Corps of Engineers, "Draft Guidelines on the Establishment and Operation of Wetland and Stream Mitigation Banks in Georgia." 2011
- Seattle District, U.S. Army Corps of Engineers, Washington Department of Ecology, U.S. Environmental Protection Agency, Region 10. "Wetland Mitigation in Washington State: Part I – Agency Policies and Guidance." March 2006.
- Wilmington District, U.S. Army Corps of Engineers. "Wilmington District NCIRT Mitigation Review Framework – September 2011

# Session 3: Ecological Considerations for Bank Site Selection and Design

- \*Reference Document: "Ecological Considerations for Mitigation Bank and In-Lieu Fee Program Site Selection and Design"
- 2. Ambrose, Richard F., John C. Callaway, and Steven F. Lee. An Evaluation of Compensatory Mitigation Projects Permitted Under Clean Water Act Section 401 by the California State Water Quality Control Board (1991-2002). 2007.
- 3. Ambrose, Richard F. "Wetland Mitigation in the United States: Assessing the Success of Mitigation Policies." *Wetlands (Australia)*. 19: 1-27. 2000.
- 4. Cole, Charles Andrew and Deborah Shafer. 2002. Section 404 Wetland Mitigation and Permit Success Criteria in Pennsylvania, USA, 1986-1999. Environmental Management. 30(4): 508-515.
- 5. Center for Natural Lands Management. Natural Lands Management: 28 Case Studies. 2004.
- 6. Environmental Law Institute and The Nature Conservancy. 2014. Watershed Approach Handbook. Washington, DC. 187 pp.
- 7. Environmental Law Institute. 2005 Status Report on Compensatory Mitigation. 2006.
- 8. Environmental Law Institute. A Handbook for Prioritizing Wetland and Stream Restoration and Protection Using Landscape Analysis Tools. Washington, DC. 2013.
- 9. Environmental Law Institute. Banks and Fees: The Status of Off-Site Wetland Mitigation in the United States. 2002.
- 10. Environmental Law Institute. The Status and Character of In-Lieu Fee Mitigation in the United States. 2006.
- 11. Erdle et al. 2001. Conservation Plan for the Southern Watershed Area. Natural Heritage Technical Report #00-12. Virginia Department of Conservation & Recreation. Division of Natural Heritage, Richmond, VA 57pp.+ appendices.
- 12. Flanagan and Richardson. 2010. A Multi-Scale Approach to Prioritize Wetland Restoration for Watershed-Level Water Quality Improvement, Wetlands Ecol. Manage 18:695-706.
- 13. Florida Department of Environmental Protection. 2007. Report on Effectiveness of Mitigation Banking in Florida.
- Government Accountability Office. Corps of Engineers Does Not Have an Effective Oversight Approach to Ensure that Compensatory Mitigation is Occurring. 2005.
- 15. Government Accountability Office. Wetlands Protection: Assessments Needed to Determine Effectiveness of In-Lieu-Fee Mitigation. 2001.
- Hill, T, E. Kulz, B. Munoz, J. Dorney. 2013. Compensatory stream and wetland mitigation in North Carolina: an evaluation of Regulatory success. Environ. Manage. 51:1077-1091.

- Hruby, Harper, and Stanley. 2009. Selecting Wetland Mitigation Sites Using a Watershed Approach. Washington Dept of Ecology. Ecology Publication #09-06-032
- 18. IUCN. 2004. Biodiversity Offsets: Views, experience, and the business case.
- 19. Kiesecker, J.M., H. Copeland, A. Pocewicz, and B. McKenney. 2009. Development by design: blending landscape-level planning with the mitigation hierarchy. Frontiers in Ecology and Environment.
- 20. Kihslinger, R.L. 2008. Success of Wetland Mitigation Projects. *National Wetlands Newsletter*. 30(2): 14-16. Environmental Law Institute. 2006.
- 21. Map Viewing Resources on the Internet
- Micacchion, M, B. Gara, and J Mack. 2010. Assessment of Mitigation Projects in Ohio. Volume 1: An ecological assessment of Ohio individual wetland mitigation projects. Ohio EPA Technical Report WET/2010-1A.
- 23. Minkin, Paul and Ruth Ladd. 2003. Success of Corps-Required Mitigation in New England. USACE New England District.
- 24. Morgan, J and P. Hough, 'Compensatory Mitigation Performance: The State of the Science', *National Wetlands Newsletter*, 37 (2015), 9 p
- 25. Morgan, Kenneth and Thomas Roberts. 1999. *An assessment of wetland mitigation in Tennessee*. Tennessee Department of Environment and Conservation.
- 26. New Jersey Department of Environmental Protection. Creating Indicators of Wetland Status (Quantity and Quality): Freshwater Wetland Mitigation in New Jersey.
- 27. \*Norfolk District, U.S. Army Corps of Engineers. Virginia Off-site Mitigation Site Location Guidelines. March 5, 2008.
- 28. Ohio EPA. 2006. An Ecological Assessment of Ohio Mitigation Banks: Vegetation, Amphibians, Hydrology, and Soils. Ohio EPA Technical Report WET/2006-1.
- 29. PG Environmental and Midwest Biodiversity Institute. 2012. Great Lakes Basin Evaluation of Compensation Sites Report.EPA Contract No. EP-R5-10-02.
- 30. Richardson, C. J., N. E. Flanagan, Mengchi Ho, and J.W. Pahl. 2011. Integrated stream and wetland restoration: A watershed approach to improved water quality on the landscape. Ecol. Engineer. 37:25-39
- 31. Smith and Klimas. 2013. A Multi-Scale Approach to Assess and Restore Ecosystems in a Watershed Context. USACE Engineering Research & Development Center. ERDC/EL TR-13-18
- 32. Strager, Anderson, Osbourne, and Fortney. 2010. A Three-Tiered Framework to Select, Prioritize, and Evaluate Potential Wetland and Stream Mitigation Banking Sites. Wetlands Ecol. Manage. 19:1-18.
- 33. Stefanik, K and W. Mitsch. 2012. Structural and Functional Vegetation Development in created and restored wetland mitigation banks of different ages. Ecol. Engineering 39: 104-112.

- 34. U.S. Army Corps of Engineers. Memo to the Field: Model "Operational Guidelines for Creating or Restoring Wetlands that are Ecologically Self-Sustaining" for Aquatic Resource Impacts Under the Corps Regulatory Program Pursuant to Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act, October 2003
- 35. Walsh, Fletcher and Ladson. Stream Restoration in Urban Catchments
  Through Redesigning Stormwater Systems: Looking to the Catchment to Save
  the Stream. The North American Benthological Society. 2005.
- 36. Washington State Department of Ecology. Washington State Wetland Mitigation Evaluation Study, Phase 1: Compliance *and* Phase 2: Evaluating Success. 2000 and 2002.
- 37. Washington State Department of Ecology. Wetlands in Washington State Volume 1: A Synthesis of the Science. Publication #05-06-006. 2005.
- 38. Washington State Department of Ecology. Wetlands in Washington State Volume 2: Guidance for Protecting and Managing Wetlands. Publication #05-06-008. 2005.
- 39. Washington State Department of Ecology and Seattle District Corps of Engineers "Selecting Wetland Mitigation Sites Using a Watershed Approach"
- 40. Washington State Department of Transportation. Preliminary Wetland Mitigation Site Selection Process" February 2008

#### Further Reading:

 National Academy of Sciences. 2001. Compensating for Wetland Losses Under the Clean Water Act. <a href="http://www.nap.edu/books/0309074320/html/">http://www.nap.edu/books/0309074320/html/</a>

# RIBITS: Demonstration & Exercise

- 1. Credit Classifications (2016)
- 2. Finding Credits (2016)
- 3. \*Getting Started with RIBITS (2016)
- 4. Reporting Tools (2016)
- 5. \*RIBITS Demo & Exercise Outline
- 6. Understanding the Credit Ledger (2016)

## **Session 4: Real Estate Protection Instruments**

- 1. \*Reference Document: "Real Estate Protection Instruments"
- 2. Charleston District, U.S. Army Corps of Engineers. "Charleston District Conservation Easement Model." September 2010.
- 3. Charleston District, U.S. Army Corps of Engineers. "Charleston District Model Restrictive Covenants." September 2010.
- 4. CO Open Lands. Worksheet Calculating Stewardship and Conservation Easement Costs and Endowment
- 5. Department of Defense. Integrated Natural Resource Management Plans Factsheet. 2010
- Department of Defense. Integrated Natural Resource Plan Manual. 2013. Number 4715.3
- Gardner and Radwan. 2009. Corporate shell games: LLPs, LLCs, and responsibility for mitigation sites. National Wetlands Newsletter. Vol. 31 No. 6 pp 6-11.
- 8. General Services Administration. Memo on Restrictive Covenants on government lands 1998
- Los Angeles District, U.S. Army Corps of Engineers. Conservation Land Use Agreement Between Arizona Game and Fish Department and Los Angeles District (undated)
- 10. Medina SWCD Stewardship Endowment Formula Example
- 11. Michigan Department of Environmental Quality. "Conservation Easement Checklist." November 7, 2007.
- 12. Minnesota Conservation Easement Template
- 13. Mobile District, U.S. Army Corps of Engineers. "Model Mitigation Bank Conservation Easement." Undated.
- New Orleans District, U.S. Army Corps of Engineers. Conservation Servitude Template – April 2009
- 15. Norfolk District, U.S. Army Corps of Engineers. "Declaration of Restrictions."
- Norfolk District, U.S. Army Corps of Engineers. NAS Oceana Settlement Agreement
- 17. Norfolk District, U.S. Army Corps of Engineers. "Project Manager Declaration of Restrictions Checklist"
- 18. Omaha District, U.S. Army Corps of Engineers. "Conservation Easement for Mitigation Banks Template." Undated.
- 19. Portland District, U.S. Army Corps of Engineers. Public Notice Long Term Protection of Mitigation Projects March 2011

- 20. Raffini, Eric. 2012. *Mineral Rights and Banking*. National Wetlands Newsletter 34(5): 9-10.
- 21. Sacramento District, U.S. Army Corps of Engineers. Beale AFB Conservation land use agreement
- 22. Sacramento, San Francisco, and Los Angeles Districts, U.S. Army Corps of Engineers. "Conservation Easement Deed Template for Mitigation and Conservation Banks in California." March 2010.
- 23. Sacramento, San Francisco, and Los Angeles Districts, U.S. Army Corps of Engineers. Conservation Easement Template
- 24. \*Sacramento, San Francisco, and Los Angeles Districts, U.S. Army Corps of Engineers. "Property Assessment and Warranty Standard Template." July 2009.
- 25. Sacramento, San Francisco, and Los Angeles Districts, U.S. Army Corps of Engineers. Subordination Agreement Template
- 26. Savannah District, U.S. Army Corps of Engineers. "Amendments to Declaration of Covenants and Restrictions." January 7, 2004.
- 27. \*Savannah District, U.S. Army Corps of Engineers. Conservation Land Use Agreement, December 2009
- 28. \*Savannah District, U.S. Army Corps of Engineers. In-Lieu Fee CLU Agreement Model, 2010
- Savannah District, U.S. Army Corps of Engineers. "Instructions for Using the Model Declaration of Covenants and Restrictions with Permit Applications." January 7, 2004.
- 30. Savannah District, U.S. Army Corps of Engineers. Mitigation Bank Checklist
- 31. Savannah District, U.S. Army Corps of Engineers. Model Conservation Land Use Agreement
- 32. \*Savannah District, U.S. Army Corps of Engineers. "Model Declaration of Covenants and Restrictions." October 15, 2008
- 33. Savannah District, U.S. Army Corps of Engineers. Multi-Party Conservation Land Use Agreement Sample
- 34. Savannah District, U.S. Army Corps of Engineers. "Standards for Qualified Conservation Easements." Undated
- 35. Savannah District, U.S. Army Corps of Engineers. USFS multiple party agreement
- 36. Terzi, G. 2012. The Lummi Nation Wetland and Habitat Bank Restoring a Piece of History. National Wetland Newsletter. 34(6): 12-13.
- 37. The Nature Conservancy V. Sims. 2012. Us. 6<sup>th</sup> District Court of Appeals.
- 38. The Nature Conservancy. The Nature Conservancy Stewardship Costs Calculator. 2016.
- 39. The Nature Conservancy. The Nature Conservancy Stewardship Costs Calculator Accompanying Handbook. 2016.

- 40. Wilmington District, U.S. Army Corps of Engineers. "Wilmington District Process for Preservation of Mitigation Property." November 25, 2003.
- 41. Wilmington District, U.S. Army Corps of Engineers. "Model Conservation Easement" Revised August 2003
- 42. Wisconsin Conservation Easement Template
- 43. Wood, Cynthia. 2013. *Site Protection Instruments for Compensatory Mitigation*. National Wetlands Newsletter 35: 8.

# **Session 5: The Business of Banking**

- 1. Denisoff, C. R. "Business Considerations". Pp. 109-126, *In:* N. Carroll, J Fox and R. Bayon (eds). Conservation and Biodiversity Banking: a Guide to Setting up and Running Biodiversity Credit Trading Systems. Earthscan. 2008.
- 2. Denisoff, Craig and Greg DeYoung. "The Challenge of Implementing Market-Based Programs by Regulatory Agencies." National Wetlands Newsletter, Vol. 33, No. 4 (2011).
- Denisoff, Craig and David Urban. "Evaluating the Success of Wetland Mitigation Banks." National Wetlands Newsletter. Vol. 34. No. 4 (2012): p 8-11
- 4. Denisoff, Craig. "Reconciling Watersheds and Ecoregions: What's in a Number?" *National Wetlands Newsletter*. Vol. 33. No. 1 (2011): p 7-8.
- 5. Denisoff, Craig. "The Bankers Perspective on the Prospectus" *National Wetlands Newsletter*. Vol. 34. No. 1 (2012): p 8-9.
- Hook, Patrick and Spenser Shadle. "Navigating Wetland Mitigation Markets: a Study of Risks Facing Entrepreneurs and Regulators." Ecosystem Marketplace, The Katoomba Group, 23 Jan. 2014. Web.
- 7. Shabman, Leonard and Paul Scodari. "The Future of Wetlands Mitigation Banking." *Choices* Vol. 20(1): 2005: p 65-70.

#### Further Reading:

 Carroll, Nathaniel and Jessica Fox and Ricardo Bayon. Conservation and Biodiversity Banking: A Guide to Setting Up and Running Biodiversity Credit Trading Systems (Environmental Market Insights. EarthScan, 2008.

#### **Session 6: Service Area Determination**

- 1. \*Reference Document: "Service Area Determination"
- 2. Amato, Brumbaugh, Deyoung, Doyle, Holland, and Martin. 2013. *Policy Forum Discussion: Service Areas*. National Wetland Newsletter. 35:9-17.
- 3. Code of Virginia. Title 62.1-44.15:23. Wetland and stream mitigation banks.
- 4. Denisoff. 2011. Reconciling Watersheds and Ecoregions: What's in a Number? National Wetlands Newsletter. 33(1):7-8.
- 5. Mobile District, U.S. Army Corps of Engineers. Proximity Factor Method, April 2009
- 6. Omernik and Bailey. 1997. Distinguishing Between Watersheds and Ecoregions. J. of Am. Water Res. Assn. 33(5): 935-949.
- 7. Ruhl and Salzman. 2006. The Effects of Mitigation Banking on People. National Wetlands Newsletter. 28(2):2-13.
- 8. Sacramento District, U.S. Army Corps of Engineers. Service Area Guidelines October 2010.
- 9. Washington State. Washington State Wetland Mitigation Bank Service Area Guidance.
- 10. \*Womble, P. and M. Doyle. Setting geographic service areas for compensatory mitigation banking. National Wetlands Newsletter Aug-Sept 2010. Pp 18-23
- 11. Womble, P. and M. Doyle. *The Geography of Trading Ecosystem Services: A Case Study of Wetland and Stream Compensatory Mitigation Markets.* Harvard Env. Law Review. 36:229-296 + app.

## Session 7: In-Lieu Fee Mitigation

- 1. \*Reference Document: "In-Lieu Fee Mitigation"
- 2. \*Advance crediting summary
- 3. Coachella Valley ILF Program Instrument 2014.
- 4. Coastal Mississippi ILF Instrument, January 2010
- 5. Environmental Law Institute. In-Lieu Fee Mitigation: Model Instrument Language and Resources. December 2009.
- 6. Great Land Trust ILF Program Prospectus, August 2010
- 7. Hood Canal Coordinating Council ILF Basic Program Instrument 2012
- 8. Hood Canal Coordinating Council ILF Compensation Planning Framework and Technical Appendices 2012
- 9. Hood Canal Coordinating Council ILF Exhibits 2012
- 10. Kansas Watershed Land Trust ILF Instrument 2013

- Kihslinger, Woolsey, and Gaudioso. 2014. Establishing In-Lieu Fee Programs: Identifying Opportunities and Overcoming Challenges. National Wetlands Newsletter. 36(4):8-13
- 12. King County Mitigation Reserves Program Instrument, Signed 2012
- 13. King County Mitigation Reserves Program Instrument Appendices 2012
- 14. Kentucky Department of Fish & Wildlife Resources ILF Instrument, Dec 2011
- Kentucky Department of Fish & Wildlife Resources ILF Public Notice, November 2010
- 16. Kentucky ILF Complete Application Checklist
- 17. Kentucky ILF Concept Plan Checklist
- 18. Kentucky ILF Early Coordination Checklist
- 19. Kentucky ILF Fee Program Information
- 20. Kentucky ILF Final Public Notice for LOP
- 21. Kentucky ILF Forward Early Coordination Agency Comments
- 22. Kentucky ILF General Conditions
- 23. Kentucky ILF Intent to Approve Mod Email
- 24. Kentucky ILF Intent to Use LOP & Initiation IRT Consultation email
- 25. Kentucky ILF LOP Implementation Process
- 26. Kentucky ILF Mitigation LOP Public Notice
- 27. Kentucky ILF Mod Approval & Authorization Letter
- 28. Kentucky ILF Mod Approval Email
- 29. Kentucky ILF Notification of 14 Day Early Coordination Period Email
- 30. Kentucky ILF Statement of Findings
- 31. La Paz County ILF MOA Policy and Annual Reports
- 32. La Paz County ILF MOA
- 33. La Paz County ILF Program Instrument 2013
- 34. Ladd. 2011. Post-mitigation rule IRTs in New England: overseeing transitions from pre-rule to rule-compliant In-lieu fee programs. National Wetland Newsletter Vol 33(2): 9-10
- 35. Los Angeles District, U.S. Army Corps of Engineers. ILF Program Template Instrument 2012.
- Los Angeles District, U.S. Army Corps of Engineers. ILF Prospectus Checklist, March 2011
- 37. Los Angeles District, U.S. Army Corps of Engineers. Guidance on Developing ILF Compensation Planning Framework 2012.
- 38. Maine ILF Fact Sheet 2015
- 39. Maine Natural Resources Conservation Program (NRCP) 2013 Annual Report

- 40. Maine Natural Resources Conservation Program (NRCP) 2014 Funding Allocations
- 41. Maine Natural Resources Conservation Program (NRCP) ILF Instrument, Aug 2011
- 42. Maine Natural Resources Conservation Program (NRCP) Management Plan Template
- 43. Maine Natural Resources Conservation Program (NRCP) 2015 Request for Letters of Intent Package
- 44. Massachusetts Department of Fish and Game ILF 2014 Annual Report
- 45. Massachusetts Department of Fish and Game ILF Prospectus 2012
- 46. Missouri Stream Stewardship ILF Program Instrument 2013
- 47. National Fish & Wildlife Foundation ILF Program Enabling instrument
- 48. National Fish & Wildlife Foundation ILF Program Exhibit A: ILF Program Area
- 49. National Fish & Wildlife Foundation ILF Program Exhibit B: Service Areas
- 50. National Fish & Wildlife Foundation ILF Program Exhibit C: Credit Establishment and Tracking
- 51. National Fish & Wildlife Foundation ILF Program Exhibit D: Compensation Planning Framework
- 52. National Fish & Wildlife Foundation ILF Program Exhibit E: ILF Project Development Process
- 53. National Fish & Wildlife Foundation ILF Program Exhibit F: Program Account
- 54. New Hampshire Aquatic Resource Mitigation (ARM) Fee Calculator
- 55. New Hampshire Aquatic Resource Mitigation (ARM) ILF Program Instrument, 2012.
- 56. New Hampshire Aquatic Resource Mitigation (ARM) Project Approvals 2014
- 57. North Carolina Ecosystem Enhancement Program (NCEEP) Instrument. July 2010.
- 58. Northwest Florida Water Management District ILF Program Instrument. 2015
- 59. Ohio Wetland Foundation ILF Instrument 2014
- 60. Oregon Department of State Lands. ILF Instrument Modification Exhibits (includes Compensation Planning Framework), 2012
- 61. Oregon Department of State Lands. ILF Instrument, approved February 2009
- 62. Oregon Department of State Lands. Modified ILF Program Instrument, approved April 2012
- 63. Pierce Co ILF Appendices
- 64. Pierce Co ILF Exhibit 6 Credit Pricing Analysis
- 65. Pierce Co ILF Instrument
- 66. Prescott Creeks Preservation Association ILF Program Prospectus 2012
- 67. Quil Ceda Village ILF Appendix S Maps

- 68. Quil Ceda Village ILF Compensation Planning Framework and Appendices
- 69. Quil Ceda Village ILF Program Instrument 2013
- 70. Riverside Corona Compensation Planning Framework
- 71. Riverside Corona ILF Instrument
- 72. Riverside Corona RS RCD Altfillisch Long-term management plan
- 73. Santa Ana River Watershed Association of Resource Conservation Districts ILF Program, October 2009
- 74. TCF Alaska ILF Instrument. 2013.
- 75. Tennessee National Wildlife Federation ILF Instrument, Nov 2011
- 76. Tennessee Stream Mitigation Program ILF Instrument May 2013
- 77. The Land Learning Foundation: In-Lieu Fee Mitigation Program Final Instrument, February 2015.
- 78. TNC Ohio Stream and Wetland In-Lieu Fee Mitigation Program Compensation Planning Framework.
- 79. TNC Ohio Stream and Wetland In-Lieu Fee Mitigation Program Instrument
- 80. Vermont ILF instrument (Ducks Unlimited) January 2011
- 81. Virginia Aquatic Resources Trust Fund (VARTF) 2014 Annual Report Credit Balances
- 82. Virginia Aquatic Resources Trust Fund (VARTF) 2014 Annual Report Project Summaries
- 83. Virginia Aquatic Resources Trust Fund (VARTF) 2014 Annual Report
- 84. Virginia Aquatic Resources Trust Fund (VARTF) 2014 Project Sites map
- 85. Virginia Aquatic Resources Trust Fund (VARTF) ELI Program Audit Report
- 86. Virginia Aquatic Resources Trust Fund (VARTF) Fee Schedule
- 87. Virginia Aquatic Resources Trust Fund (VARTF) HW Final Communication Letter
- 88. Virginia Aquatic Resources Trust Fund (VARTF) HW Final Management Letter
- 89. Virginia Aquatic Resources Trust Fund (VARTF) HW Final Statement
- 90. Virginia Aquatic Resources Trust Fund (VARTF) Program Compensation Planning Framework
- 91. Virginia Aquatic Resources Trust Fund (VARTF) Program Instrument, July 2011
- 92. Virginia Aquatic Resources Trust Fund (VARTF) Standard Operating Procedures 2013
- 93. Virginia Aquatic Resources Trust Fund (VARTF)TNC Program Audit Proposal 12.15.15
- 94. Washington Dept. of Ecology. Guidance on In-Lieu Fee Mitigation. 2012.
- 95. Wilkinson, J. 2009. *In-Lieu fee mitigation: Coming into compliance with the new Compensatory Mitigation Rule.* Wetland Ecology and Management. 17:53-70.

96. Wisconsin Wetland Conservation Trust ILF Program Instrument. 2014.Land Learning Foundation ILF Program Instrument 2015.

# Session 8: Financial Assurances for Mitigation Project Success

- 1. \*Reference Document: "Financial Assurances Remedial and Long-Term"
- 2. Baltimore District, U.S. Army Corps of Engineers. Escrow Agreement
- 3. Boyd, James. Financial Responsibility for Environmental Obligations: Are Bonding and Assurance Rules Fulfilling Their Promise? (2001)
- Chicago District, U.S. Army Corps of Engineers. Sample Irrevocable Letter of Credit
- 5. Florida Department of Environmental Protection. Form No. 62-342.900(3). "Mitigation Bank Standby Trust Fund Agreement to Demonstrate Construction and Implementation Financial Assurance." Effective May 21, 2001.
- 6. Florida Department of Environmental Protection. Form No. 62-342.900(4). "Mitigation Bank Trust Fund Agreement to Demonstrate Construction and Implementation Financial Assurance." Effective May 21, 2001.
- 7. Florida Department of Environmental Protection. Form No. 62-342.900(5). "Mitigation Bank Trust Fund Agreement to Demonstrate Perpetual Management Financial Assurance." Effective May 21, 2001.
- 8. Florida Department of Environmental Protection. Form No. 62-342.900(6). "Mitigation Bank Standby Trust Fund Agreement to Demonstrate Perpetual Management." Effective May 21, 2001.
- 9. Florida Department of Environmental Protection. Rules on Financial Responsibility
- 10. Fort Worth District, U.S. Army Corps of Engineers. Specimen Casualty Insurance Policy for Mitigation Banks. 2012.
- 11. Gardner, Royal C. and Theresa J. Pulley Radwan. "What Happens When a Wetland Mitigation Bank Goes Bankrupt?" *National Wetlands Newsletter.* Vol. 28, No. 4. Environmental Law Institute, July-August 2006.
- 12. Institute for Water Resources, U.S. Army Corps of Engineers. "National Wetland Mitigation Banking Study: Technical and Procedural Support to Mitigation Banking Guidance." IWR Technical Paper WMB-TP-2. \*see Chapter 5: Financial and Legal Assurances. December 1995.
- 13. Los Angeles District, U.S. Army Corps of Engineers. Model Performance Bond
- 14. Los Angeles District, U.S. Army Corps of Engineers. Standard Operating Procedures for Financial Assurances, 2009.
- 15. Minnesota Performance Bond Template
- 16. New England District, U.S. Army Corps of Engineers. Checklist for Performance Bond Completeness 2007.
- New Orleans District, U.S. Army Corps of Engineers. Template Escrow Agreement
- 18. Norfolk District, U.S. Army Corps of Engineers. Template Escrow Agreement

- 19. Wilmington District, U.S. Army Corps of Engineers. Letter of Credit Template
- 20. Scodari, P. S. Martin, & A. Willis. 2016. Implementing Financial Assurances For Mitigation Project Success. Institute for Water Resources White Paper.
- 21. Seattle District, U.S. Army Corps of Engineers. Standby Trust Agreement for Mitigation Banking
- 22. U.S. Army Corps of Engineers. *Guidance on the Use of Financial Assurances, and Suggested Language for Special Conditions for Department of the Army Permits Requiring Performance Bonds.* Regulatory Guidance Letter No. 05-1, February 14, 2005.
- U.S. Army Corps of Engineers. Memo: Financial Assurance Instruments for Compensatory Mitigation under the Corps Regulatory Program, December 1, 2011

#### Web Resources:

 Los Angeles District, U.S. Army Corps of Engineers. "Recommended Bond Surety Companies." Undated. http://www.fiscal.treasury.gov/fsreports/ref/suretyBnd/c570.htm

#### **Session 9: Credit Determination Methods**

#### Part A: Wetland Credit Determination:

- 1. \*Reference Document: "Wetland Credit Determination"
- 2. A.S.H. Mitigation Bank, LLC "Ash Slough Headwaters Mitigation Bank Addendum I Banking Instrument" undated.
- 3. Charleston District, U.S. Army Corps of Engineers. Guidelines for Preparing Compensatory Mitigation Plans, Oct 2010
- 4. Chicago District, U.S. Army Corps of Engineers. Mitigation Requirements, Oct 2009
- 5. Delaware Department of Natural Resources (DNR). DERAP Forms.
- 6. Delaware Department of Natural Resources (DNR). DERAP Value Protocol.
- 7. Delaware Department of Natural Resources (DNR). DERAP Field Protocol.
- 8. Fennessy, Siobhan. "Evaluating Mitigation Performance: Functional and Condition Based Assessment Methods." National Wetlands Newsletter, Volume 33, No. 2, 2011.
- 9. Florida Unified Mitigation Assessment Method (UMAM) Training Manual
- 10. Florida Uniform Mitigation Assessment Method
- 11. Fort Worth and Tulsa District, U.S. Army Corps of Engineers. "The Texas Rapid Assessment Method (TXRAM) Wetland and Streams Modules" October 2010.
- 12. Galveston District, U.S. Army Corps of Engineers. "SWG-Standard Operating Procedures (SOP); Using HGM to Determine Potential Wetland Functions and

- the Appropriate Compensatory Mitigation for Unavoidable Wetland Impacts" September 2008.
- 13. Galveston District, U.S. Army Corps of Engineers. "Riverine Forested HGM Interim" undated.
- 14. KBA EnviroScience, "Rockin' K on Chambers Creek Mitigation Banking Instrument" December 2014.
- 15. Lonard et al. Analysis of Methodologies Used for the Assessment of Wetlands Values. September 1981.
- 16. Maine Department of Transportation. Maine DOT Umbrella Mitigation Banking Instrument, August 2011.
- 17. Mobile District, U.S. Army Corps of Engineers. "Ratio Method." Undated.
- 18. North Carolina WAM: Key to Wetlands
- 19. North Carolina WAM.
- 20. New England District, U.S. Army Corps of Engineers. Compensatory Mitigation Ratios, 2010
- 21. New Orleans District, U.S. Army Corps of Engineers. Louisiana Rapid Assessment Method (LRAM)
- 22. Norfolk District, U.S. Army Corps of Engineers and Virginia DEQ. Template Mitigation Banking Instrument, 2010
- 23. Northern Kentucky University, Center for Applied Ecology. Red Stone Farm Wetland Mitigation Bank Instrument, Pike County, Ohio, January 2007
- 24. \*Ohio Environmental Protection Agency. Mitigation & Monitoring Plan Checklist
- 25. Savannah District, U.S. Army Corps of Engineers. "Standard Operating Procedure: Compensatory Mitigation Wetland, Openwater & Streams" March 2004.
- 26. Savannah District, U.S. Army Corps of Engineers. "Standard Operating Procedure: Compensatory Mitigation Wetland, Openwater & Streams Attachment A" March 2004.
- 27. Savannah District, U.S. Army Corps of Engineers. "Standard Operating Procedure: Compensatory Mitigation Wetland, Openwater & Streams Attachment B" March 2004.
- 28. Seattle District, U.S. Army Corps of Engineers. Credit Guide. Feb 2013.
- 29. South Pacific Division, U.S. Army Corps of Engineers. Examples for Mitigation Ratio Setting Checklists.
- 30. South Pacific Division, U.S. Army Corps of Engineers. SOP for Determination of Mitigation Ratios.
- 31. St. Paul District, U.S. Army Corps of Engineers and Wisconsin Department of Natural Resources. "Guidelines for Wetland Compensatory Mitigation in Wisconsin." pp. 15-18. February 2002.
- 32. Stein, Brinson, Rains, Kleindl, and Hauer. 2009. Wetland Alphabet Soup: How to Choose (or Not Choose) the Right Assessment Method. Wetland. Sci. Practice. 26(4):20-25.

- 33. SWCA Environmental Consultants, "Mitigation Banking Instrument Gin City Mitigation Bank Harris County Texas SWG-2011-01182" February 2014.
- 34. SWCA Environmental Consultants, "Mitigation Banking Instrument Gin City Mitigation Bank Harris County Texas SWG-2011-01182, Attachments A & B" February 2014.
- 35. U.S. Army Corps of Engineers, Engineer Research and Development Center (ERDC). A Regional Guidebook for Applying the Hydrogeomorphic Approach to Assessing Wetland Functions of Forested Wetlands in Alluvial Valleys of the Coastal Plain of the Southeastern United States. April 2013.
- 36. \*U.S. Army Corps of Engineers. Public Notice: Wetland Mitigation Banking in OH, March 2010
- 37. Washington State Department of Ecology. Calculating Credits and Debits for Compensatory Mitigation in Wetlands of Western Washington, March 2012.

#### **Part B: Stream Credit Determination:**

- \*Reference Document: "Stream Credit Determination"
- 2. California Rapid Assessment Method (CRAM) Manual. 2013.
- 3. California Rapid Assessment Method (CRAM) Riverine Field Book. 2013.
- 4. Charleston District, U.S. Army Corps of Engineers. "Compensatory Mitigation Standard Operating Procedure. September 19, 2002"
- 5. Environmental Law Institute. A Function Based Review of Stream Restoration Science. 2016.
- 6. Environmental Law Institute. Assessing Stream Mitigation Guidelines at the Corps District and State Levels. 2016.
- 7. Environmental Law Institute. Assessing Stream Mitigation Practice. 2016.
- 8. Fischenich, J. Craig. "Functional Objectives for Stream Restoration", EMRRP, September 2006
- Harman, W., R. Starr, M. Carter, K. Tweedy, M. Clemmons, K. Suggs, C. Miller. A Function-Based Framework for Stream Assessment and Restoration Projects. US Environmental Protection Agency, Office of Wetlands, Oceans, and Watersheds, Washington, DC. 2012.
- Harman, W., R. Starr. Natural Channel Design Review Checklist. US Fish and Wildlife Service, Chesapeake Bay Field Office, Annapolis, MD and US Environmental Protection Agency, Office of Wetlands, Oceans, and Watersheds, Wetlands Division. Washington, DC. 2011.
- 11. Huntington District, U.S. Army Corps of Engineers. West Virginia IRT Initiatives Guidance. 2010.
- 12. Huntington District, U.S. Army Corps of Engineers. West Virginia Stream and Wetlands Valuation Metric (SWVM) Instructional Guide.
- 13. Huntington District, U.S. Army Corps of Engineers. West Virginia Stream and Wetlands Valuation Metric (SWVM) Metric Worksheet.
- 14. Huntington District, U.S. Army Corps of Engineers. West Virginia Stream and Wetlands Valuation Metric (SWVM).

- 15. Little Rock District, U.S. Army Corps of Engineers. Stream Method 2011
- 16. Mobile District, U.S. Army Corps of Engineers. "Standard Operating Procedure (SOP), Compensatory Stream Mitigation Guidelines." 2012.
- 17. North Carolina Stream Assessment Method (NC SAM) Field Form
- 18. North Carolina Stream Assessment Method (NC SAM) Rating Calculator
- 19. North Carolina Stream Assessment Method (NC SAM) Version 2. 2014
- 20. Nebraska Stream Assessment Procedure (Interim) 2012.
- 21. Nebraska Stream Assessment and Mitigation Procedure Calculation Spreadsheet (NeSCAP Calcbook). 201s
- 22. New England District, U.S. Army Corps of Engineers. Proposed Revision of New England District Compensatory Mitigation Guidance. 2015.
- 23. Norfolk District, U.S. Army Corps of Engineers and Virginia Department of Environmental Quality. "Unified Stream Methodology for use in Virginia." January 2007.
- 24. Omaha District, U.S. Army Corps of Engineers. Wyoming Stream Mitigation Procedure. 2013.
- 25. Pennsylvania DEP. Pennsylvania Function Based Aquatic Resource Compensation Protocol Draft Version 1.
- 26. Somerville, D.E. and B.A. Pruitt. Physical Stream Assessment: A Review of Selected Protocols for Use in the Clean Water Act Section 404 Program. Prepared for the U.S. Environmental Protection Agency, Office of Wetlands, Oceans, and Watersheds, Wetlands Division (Order No. 3W-0503-NATX). Washington, D.C. 213 pp. September 2004.
- 27. South Pacific Division, U.S. Army Corps of Engineers. 12501: SOP for the Determination of Mitigation Ratios.
- 28. South Pacific Division, U.S. Army Corps of Engineers. 12501.1: Mitigation Ratio Checklist.
- 29. South Pacific Division, U.S. Army Corps of Engineers. 12501.2: Instructions for Preparing Mitigation Ratio Setting Checklist.
- 30. South Pacific Division, U.S. Army Corps of Engineers. 12501.3: Mitigation Ratio Checklist Examples.
- 31. South Pacific Division, U.S. Army Corps of Engineers. 12501.4: Before/After-Mitigation-Impact Spreadsheet Step 3 BAMI.
- 32. South Pacific Division, U.S. Army Corps of Engineers. 12501.5: Mitigation Ratio Training Presentation.
- 33. South Pacific Division, U.S. Army Corps of Engineers. 12501.6: Mitigation Ratio Checklist in Excel format.
- 34. Stream Mechanics. DRAFT Stream Function Quantification Tool. 2014.
- 35. Stream Mechanics. Stream Functions Pyramid Framework Functional Uplift Table
- 36. Stream Mechanics. Stream Functions Pyramid.

- 37. Texas Rapid Assessment Method (TXRAM) Stream Data Sheet
- 38. Texas Rapid Assessment Method (TX RAM) Stream Scoring Sheet
- 39. Texas Rapid Assessment Method (TX RAM) Wetland and Stream Modules
- 40. U.S. Army Corps of Engineers, Regulatory Branch and Environmental Protection Agency, Wetlands Division. "Stream Mitigation Compendium," National Wetlands Mitigation Action Plan. 2004.
- 41. U.S. Army Corps of Engineers. Operational Draft Regional Guidebook for the Functional Assessment of High Gradient Ephemeral and Intermittent Headwater Streams in Western West Virginia and Eastern Kentucky. ERDC EL TR-10-11, 2010.
- 42. U.S.D.A. Natural Resource Conservation Service (NRCS). Stream Visual Assessment Protocol Version 2. 2009.
- 43. U.S. Environmental Protection Agency. Stream Assessment and Mitigation Protocols: A Review of Commonalities and Differences, May 2010
- 44. Wilmington District, U.S. Army Corps of Engineers and North Carolina Department of Environment and Natural Resources. "Information Regarding Stream Restoration with Emphasis on the Coastal Plain." April 4, 2007.
- 45. Wilmington District, U.S. Army Corps of Engineers, North Carolina Division of Water Quality, U.S. Environmental Protection Agency, Region IV, Natural Resources Conservation Service, and the North Carolina Wildlife Resources Commission. "Stream Mitigation Guidelines." April 2003.
- 46. Yochum, Steven E. Guidance for Stream Restoration and Rehabilitation. Technical Note 102.2. U.S. Forest Service, National Stream & Aquatic Ecology Center. 2016.

#### Web Resources:

- Association of State Wetland Managers (ASWM): http://www.aswm.org/wetland-programs/regulation/mitigation/stream-mitigation
- Environmental Law Institute (ELI): The State of Stream Compensatory
   Mitigation: Science, Policy, and Practice <a href="http://www.eli.org/compensatory-mitigation/state-stream-compensatory-mitigation-science-policy-and-practice">http://www.eli.org/compensatory-mitigation/state-stream-compensatory-mitigation-science-policy-and-practice</a>
- EPA Compensatory Mitigation: <a href="https://www.epa.gov/cwa-404/compensatory-mitigation">https://www.epa.gov/cwa-404/compensatory-mitigation</a> \*click on "Technical Resources for Stream Mitigation"
- U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS). "Stream Restoration Design." Part 654 National Engineering Handbook. August 2007. http://directives.sc.egov.usda.gov/viewerFS.aspx?id=3491
- U.S. Fish & Wildlife Service: https://www.fws.gov/chesapeakebay/stream/protocols.html

# Session 10: Ecological Performance Standards and Credit Release Schedules

#### Part A: Ecological Performance

- 1. \*Reference Document: "Ecological Performance Standards and Credit Release Schedules"
- 2. Environmental Law Institute. Measuring Mitigation: A Review of the Science for Compensatory Mitigation Performance Standards. Washington DC. 2004.
- 3. Evans et al. North River Wetland Restoration Research. Final Report to NC Ecosystem Enhancement Program. North Carolina State University. 2009.
- 4. Institute for Water Resources, U.S. Army Corps of Engineers. "A Suggested Approach to Enforceable Performance Standards: Considerations in writing performance standards." June 2007.
- 5. Martin, Steven, Robert Brumbaugh, and Palmer Hough. "Conceptualizing Mitigation Performance Standards." *National Wetlands Newsletter*. Environmental Law Institute. March-April 2005.
- 6. Mathews and Endress. Performance Criteria, Compliance Success, and Vegetation Development in Compensatory Mitigation Wetlands. 2007.
- 7. Mobile District, U. S. Army Corps of Engineers. "Habitat Success Criteria/Credit Release Schedules/Monitoring Criteria" for Bayhead drains, Bottomland Hardwoods, and Pine Flats
- 8. Morgan, Joseph A. and Palmer Hough. Compensatory Mitigation Performance: The State of the Science. National Wetlands Newsletter, Vol. 37 (6). 2015.
- 9. New England District, U.S. Army Corps of Engineers. Compensatory Mitigation Guidance 2010
- 10. Ossinger, Mary. Success standards for wetland mitigation projects a guideline. Washington State Department of Transportation, Environmental Affairs Office. 1999.
- 11. Seattle District, U.S. Army Corps of Engineers. Columbia River Mitigation Bank Performance Standards. 2011.
- 12. St. Paul District, US Army Corps of Engineers. Target Hydrology and Performance Standards for Compensatory Mitigation Sites Version 6.0. memo. 2016.
- St. Paul District, U.S. Army Corps of Engineers. Typical Bank Performance Standards
- Stefanik and Mitsch. Structural and Functional Vegetation Development in Created and Restored Mitigation Banks of Different Ages. Ecol. Engineering. 39:104-112. 2012.
- 15. Stolt et. al. Comparison of Soil and Other Environmental Conditions in Constructed and Adjacent Palustrine Reference Wetlands. Wetlands 20(4): 671-683. 2000.

- 16. Washington State Department of Transportation. "Woody Vegetation Performance Criteria for Wetland Mitigation Sites in Washington." April 2008.
- 17. Washington State Department of Transportation. "Writing Performance Measures and Performance Standards for Wetland Mitigation" April 2008.
- 18. Zedler. Success: An Unclear, Subjective Descriptor of Restoration Outcomes. Ecol. Restoration. 25(3): 162-168. 2007.

#### Part B: Wetland & Stream Credit Release Schedules

- Ahn, C. and Peralta, R. M. Soil properties are useful to examine denitrification function development in created mitigation wetlands. Ecol. Engineering 49: 130-136. 2012.
- 2. Ambrose, R. and S. Lee. An Evaluation of Compensatory Mitigation Projects Permitted Under Clean Water Act Section 401 by the Los Angeles Regional Quality Control Board, 1991-2002. Department of Environmental Health Sciences. UCLA. 2004.
- Cooper and Merritt. Assessing the Water Needs of Riparian and Wetland Vegetation in the Western United States, Gen. Tech. Rep. RMRS-GTR-282. Fort Collins, CO. USDA, Forest Service. Rocky Mountain Research Station. 2012.
- 4. Environmental Law Institute. Assessing Stream Mitigation Guidelines at the Corps District and State Levels. White Paper. 2016.
- 5. Environmental Law Institute. *Assessing Stream Mitigation Practice*. White Paper. 2016.
- 6. Fennessey, S. Evaluating Mitigation Performance: Functional and Condition-Based Assessment Methods. National Wetland Newsletter. 33(2) 8-9. 2011.
- 7. Harman, W. and M. Carter, *A function-based review of stream restoration science*. ELI White Paper. 2016.
- 8. Huntington District, U.S. Army Corps of Engineers. "Guideline for Wetland Mitigation Banking in Ohio"
- 9. Mack, John and Mick Micacchion. Ecological Assessment of Ohio Mitigation Banks. Ohio EPA Technical Report WET/2006-1
- Mack, John J., Siobhan F. Fennessy, Mick Micacchion, and Deni Porej. INTEGRATED WETLAND ASSESSMENT PROGRAM. Part
   Standardized Monitoring Protocols and Performance Standards for Wetland Creation, Restoration, and Enhancement, Version 1.0. Ohio EPA Technical Report WET/2004-6. 2004.
- 11. Memphis, Kansas City, St Louis, Little Rock, and Rock Island Districts, U.S. Army Corps of Engineers. "Missouri Stream Mitigation Method." February 2007.
- 12. Missouri Steam Mitigation Method. February 2007
- 13. Mobile District, U.S. Army Corps of Engineers. Bottomland Hardwoods Habitat Success Criteria/Credit Release Schedule. 2016 update.
- 14. Mobile District, U.S. Army Corps of Engineers. "Guidance for Development of Stream Mitigation Performance Standards"

- 15. Moreno-Mateos et al. Structural and Functional Loss in Restored Wetland Ecosystems. PLoS Biology. 10(1):1-27. 2012.
- 16. Norfolk District, U.S. Army Corps of Engineers and Virginia DEQ. Template Mitigation Banking Instrument. 2010.
- 17. Ohio EPA Technical Report WET/2010-1A: Assessment of Wetland Mitigation Projects in Ohio, 2010
- Reiss, Kelly Chinners, Erica Hernandez, Mark T. Brown. An Evaluation of the Effectiveness of Mitigation Banking in Florida: Ecological Success and Compliance with Permit Criteria. May 2009.
- 19. Reiss, Kelly Chinners, Erica Hernandez, Mark T. Brown. An Evaluation of the Effectiveness of Mitigation Banking in Florida: Ecological Success and Compliance with Permit Criteria: Appendix A: Data Collection Methods for Field Surveys
- 20. Reiss, Kelly Chinners, Erica Hernandez, Mark T. Brown. An Evaluation of the Effectiveness of Mitigation Banking in Florida: Ecological Success and Compliance with Permit Criteria: Appendix B: Field Data Sheets
- 21. Reiss, Kelly Chinners, Erica Hernandez, Mark T. Brown. An Evaluation of the Effectiveness of Mitigation Banking in Florida: Ecological Success and Compliance with Permit Criteria: Appendix C: Mitigation Bank State Permit Summaries with Success Criteria and Credit Release Schedules
- 22. Robertson, Morgan M. Emerging ecosystem service markets: trends in a decade of entrepreneurial wetland banking. Frontiers in Ecology and the Environment 4:297-302. 2006.
- 23. Savannah District, U.S. Army Corps of Engineers. Mitigation Metrics and Performance Standards in Savannah District Mitigation Bank Guidelines (Appendix 10). Jan 2011.
- 24. Seattle District, U.S. Army Corps of Engineers and Washington Department of Ecology. Credit Guide for Mitigation Banks. 2013.
- 25. Smith et al. An approach for assessing wetland functions using hydrogeomorphic classification, reference wetlands and functional indices. Wetlands Research Program Technical Report WRP-DE-9. U.S. Army Corps of Engineers. 1995.
- 26. South Pacific Division, U.S. Army Corps of Engineers. Examples of Uniform Performance Standards
- 27. South Pacific Division, U.S. Army Corps of Engineers. Table of Uniform Performance Standards
- 28. South Pacific Division, U.S. Army Corps of Engineers. Uniform Performance Standards 2012.
- 29. South Pacific Division, U.S. Army Corps of Engineers. Worksheet for Uniform Performance Standards
- 30. Spiels, D.J., M. Coneybeer, J. Horn. Community Structure and Quality After 10 Years in Two Central Ohio Mitigation Bank Wetlands. Environ. Manage. 38:837-852. 2006.

- 31. Spiels, Douglas J. Vegetation development in created, restored, and enhanced mitigation wetland banks of the United States. Wetlands 25: No. 1. 2005.
- 32. Wall, C.B. and K.J. Stevens. Assessing Wetland Mitigation Efforts Using Standing Vegetation and Seedbank Community Structure in Neighboring Natural and Compensatory Mitigation Wetlands in North-Central Texas. Wetl. Ecol.Manage. 2014.
- 33. Wilmington District, U.S. Army Corps of Engineers. Credit Release Schedules April 2011
- 34. Wilmington District, U.S. Army Corps of Engineers. Performance Standards and Monitoring Requirements. 2013.
- 35. Wilmington District, U.S. Army Corps of Engineers. Stream Mitigation Guidelines. 2003 \*success criteria stated in pages 23-25

# Session 11: How Conservation Banking Relates to Mitigation and Joint Banking

## Part A: Conservation Banking

- California Multi-Agency Project Delivery Team. Conservation Easement Template
- 2. California Multi-Agency Project Delivery Team. Subordination Agreement Template
- 3. Clement, J.P. et al. A strategy for improving the mitigation policies and practices of the Department of the Interior. A report to the Secretary of the Interior from the Energy and Climate Change Task Force, Washington, D.C., 2014.
- 4. DOI Secretarial Order 3330: Improving Mitigation Policies and Practices of the Department of the Interior, 2013.
- 5. Executive Order 13186: Responsibilities of Federal Agencies to Protect Migratory Birds, January 2001.
- 6. National Marine Fisheries Service, NOAA. West Coast Region. West Coast Region Conservation Banking Guidance. 2015.
- 7. Sacramento Fish & Wildlife Office, USFWS. Santa Rosa Programmatic Biological Opinion. 1998.
- 8. Sacramento Fish & Wildlife Office, USFWS. Vernal Pool Programmatic Biological Opinion. 1996.
- 9. U.S. Fish & Wildlife Service. Greater Sage Grouse Range-wide Mitigation Framework. 2014.
- 10. \*U.S. Fish & Wildlife Service. Guidance for the Establishment, Use, and Operation of Conservation Banks. 2003.
- 11. U.S. Fish & Wildlife Service. "Strategic Habitat Conservation: Landscape Conservation Cooperatives." Fact Sheet: 2012.
- 12. U.S. Fish & Wildlife Service. "Strategic Habitat Conservation: Thinking Bigger for Fish and Wildlife". Fact Sheet: 2012.

- 13. U.S. Fish & Wildlife Service Alabama, Louisiana, and Mississippi. Guidelines for the Establishment, Management and Operation of Gopher Tortoise Conservation Banks. 2009.
- U.S. Fish & Wildlife Service Southwest Region. Guidelines for the Establishment, Management and Operation of Golden-cheeked Warbler and Black-capped Vireo Mitigation Lands. 2013.

#### Web Resources:

- USFWS Endangered Species Act http://www.fws.gov/endangered/laws-policies/index.html
- USFWS ESA Section 7 Consultation http://www.fws.gov/endangered/what-we-do/consultations-overview.html
- USFWS ESA Section 10 Habitat Conservation Plans http://www.fws.gov/endangered/what-we-do/hcp-overview.html

## Part B: Joint Banks & Credit Stacking

- \*California Multi-Agency Project Delivery Team. Mitigation Bank Enabling Instrument.
- 2. Climate Action Reserve. Nutrient Management Project Protocol Credit Stacking Subcommittee Management Memo 1. 2011.
- 3. EPRI. "US National Opinion Survey on Stacking Environmental Credits." Technical Report. 2011.
- 4. Fox, J, R. Gardner, and T. Maki. Stacking opportunities and risks in environmental markets. Environmental Law Reporter. 41:10121-10125. 2011.
- 5. Gardner and Fox. "The Legal Status of Environmental Credit Stacking." Stetson University College of Law, Legal Studies Research Paper Series, Research Paper 2014-2.
- 6. \*Layne, Valerie. "Layering Multiple Credit Types in Mitigation Banks." National Wetland Newsletter 33(1): 2011
- 7. Martin, Steve. "An Alternative to Unbundling Ecosystem Services." Viewpoints, September/October 2010.
- 8. Pindilli, E. and F. Casey. Biodiversity and habitat markets: policy, economic and ecological implications of market-based conservation. U.S. Geological Survey Circular 1414. 2015.
- 9. Robertson, BenDor, Lave, Riggsbee, Ruhl, and Doyle. Stacking Ecosystem Services. Front. Ecol. Environ. 12(3): 186-193. 2014.
- 10. \*U.S. Army Corps of Engineers and U.S. Environmental Protection Agency. Compensatory Mitigation Rule: Timeline for Bank or ILF Instrument Approval. 2008. \*see print-out under session 2
- 11. U.S. Fish & Wildlife Service et al. "Eco-Logical: An Ecosystem Approach to Developing Infrastructure Projects." April 2006.

12. Wilkinson and Thompson. 2005 Status Report on Compensatory Mitigation in the United States. Environmental Law Institute. 2006.

## Session 12: Long-Term Management & Stewardship Financing

- 1. \*Reference Document: "Long-Term Management Plans"
- 2. Blaine, M. Developing Long-Term Management Plans for Mitigation Sites. National Wetlands Newsletter. 33(3) 9-10. 2011.
- 3. California Department of Fish & Game. Long-term management funding recipient agreement. 2011
- 4. \*Checklist of Required Comprehensive Conservation Plan Elements
- 5. City of Carlsbad Open Space Management Plan
- 6. \*Center for Natural Lands Management (CNLM). Annotated Outline of Standard Format Management Plan for Resource and Habitat Conservation Areas Five-Year Management Plan.
- 7. Center for Natural Lands Management (CNLM). Natural Lands Management Cost Analysis: 28 Case Studies. 2004.
- 8. Center for Natural Lands Management (CNLM). *Project Evaluation Checklist* (Due Diligence & Acquisition Considerations). 2005.
- 9. CommonFund Institute. "Principles of Nonprofit Investment Management". 2005.
- 10. Environmental Law Institute and Land Trust Alliance. *Wetland and Stream Mitigation: A Handbook for Land Trusts.* 2012.
- 11. Gary, S. Charities, Endowments, and Donor Intent: The Uniform Prudent Management of Institutional Funds Act. Georgia Law Review 1277. 2007.
- 12. Hutton, Lyn, et al. "Asset Allocation: The Case for Diversified Inflation Hedging Strategies". CommonFund Institute. 2009.
- 13. Kihlsinger, R, et. al. Taking on the Long-Term Stewradship of Wetlands Mitigation Sites. National Wetlands Newsletter. 29(3) 29-32. 2007.
- 14. Layne, Valerie. No Endowment, No Protection: Long-Term Funding Considerations for Mitigation and Conservation Banks. National Wetlands Newsletter. 34(1) 7-8. 2012.
- 15. Maine Natural Resource Conservation Program. Management Plan Template. 2013.
- 16. National Fish & Wildlife Foundation (NFWF). Impact-Directed Environmental Accounts (IDEA) Info Sheet
- 17. \*Sacramento District, U.S. Army Corps of Engineers. Long-Term Management Plan Template
- 18. San Diego Foundation. Endowment Agreement Template. 2013.
- 19. San Diego Foundation. Investment Policy Statement. 2013.
- 20. Teresa, Sherry. "Perpetual Stewardship Considerations for Compensatory Mitigation and Mitigation Banks." May 2009.

- 21. Teresa, Sherry. "The Demise of The Environmental Trust." *Ecosystem Marketplace*. March 9, 2006.
- 22. The Nature Conservancy (TNC). The Long-Term Stewardship Calculator Accompanying Handbook. 2016.

# Session 13: 3<sup>rd</sup> Party Mitigation Oversight & Compliance

- 1. \*Reference Document: "3rd Party Mitigation Oversight & Compliance"
- 2. California Agreement for Sale of Mitigation Credits.
- 3. Detroit District, U.S. Army Corps of Engineers. Mitigation Guidelines and Requirements. 2008
- 4. Gardner, R. and T. R. Pulley. Corporate Shell Games: LLPs, LLCs, and Responsibility for Mitigation Sites. National Wetland Newsletter. 31(6):6-11. 2009.
- 5. Gardner, R. Mitigation Banking & Reputational Risk. National Wetland Newsletter. 34(6): 10-11. 2012.
- 6. Gardner, R. C. Mitigation Enforcement, Breach of Contract, and the Law of Unintended Consequences. National Wetlands Newsletter. 37(2): 11-12. 2015.
- 7. Jacksonville District, U.S. Army Corps of Engineers. Mitigation Bank Credit Sale Template.
- 8. Libertyville Wetland Mitigation Bank Third Annual Monitoring Report (2008)
- 9. Libertyville Wetland Mitigation Bank Third Annual Monitoring Report Photo Appendix (2008)
- 10. Maine In-Lieu Fee (ILF) Project Worksheet Template. 2011.
- 11. Norfolk District, U.S. Army Corps of Engineers and Virginia Department of Environmental Quality. "Recommendations for Wetland Compensatory Mitigation: Including Site Design, Permit Conditions, Performance and Monitoring Criteria." 2004.
- 12. Norfolk District, U.S. Army Corps of Engineers. Initial Credit Release Checklist. October 2009.
- 13. Savannah District, U.S. Army Corps of Engineers. Credit Sales Form.
- 14. Savannah District, U.S. Army Corps of Engineers. Guidelines to Evaluate Mitigation Bank Credit Purchases.
- 15. South Pacific Division, U.S. Army Corps of Engineers. Regional Compensatory Mitigation and Monitoring Guidelines 2015
- 16. Tanner, C. et. al. Restoration of freshwater intertidal habitat functions at Spencer Island, Everett, Washington. Restoration Ecology 10(3): 564-576. 2012.
- 17. U.S. Army Corps of Engineers. *Minimum Monitoring Requirements for Compensatory Mitigation Projects Involving Restoration, Establishment and/or Enhancement of Aquatic Resources*. Regulatory Guidance Letter No. 08-03. August 3, 2006.

18. Wilmington District, U.S. Army Corps of Engineers. Bank & ILF Transfer of Mitigation Responsibility Agreement. 2013.

# Session 14: Dispute Resolution

- 1. \*Reference Document: "Dispute Resolution"
- 2. Alaska Statewide Interagency Review Team for Compensatory Mitigation Roles and Responsibilities Agreement. 2013.
- 3. California 8 Party MOU on Mitigation and Conservation Banking and ILF Programs (2011) \*see session 2 in binder for hard copy
- 4. Oregon Interagency Review Team Roles and Responsibilities. 2013
- 5. \*U.S. Army Corps of Engineers and U.S. Environmental Protection Agency. Final Compensatory Mitigation Rule: Timeline for Bank Instrument Dispute Resolution. 2008.
- 6. \*U.S. Fish & Wildlife Service. Letter to New York District, USACE Re: Dispute of Kane Mitigation Bank. Dec 29, 2009.
- 7. Wood, Cindy. "From Building Sandcastles to Building Wetlands." National Wetlands Newletter, Vol. 35 No. 6 (2013).

## **III. Course Exercise References**

## **Instrument Used for Mock Review Exercises**

Brandy Branch Mitigation Bank Instrument (MBI) \*hard copy bound separately from notebook

# <u>Model Exhibits from the Cosumnes Floodplain Bank Enabling Instrument</u> (BEI)

- <u>Exhibit E:</u> \*for comparison with elements from Part A of the Mock Review Exercise
  - o E-1 Preliminary Title Report
  - E-2 Property Assessment & Warranty
  - E-3 Plat Map
  - E-4 Conservation Easement
  - o E-5 Title Insurance Report
- <u>Exhibit D:</u> \*for comparison with elements from Part B of the Mock Review Exercise
  - o D-2 Endowment Funding Schedule
  - o D-5 Long-Term Management Plan