

# ACES and Ecosystem Markets 2012

A Community on Ecosystem Services Linking Science, Practice and Decision Making  
Program Agenda

<b>Sunday</b>					<i>Sunday, December 9, 2012</i>					
4:00pm-7:00pm	Pre-Conference Registration Opens, Early Exhibit/Poster Set-Up - <i>Grand Ballroom Foyer</i>									
<b>Monday</b>					<i>Monday, December 10, 2012</i>					
7:30am-5:00pm	Conference Registration Open - <i>Grand Ballroom Foyer</i> <i>Ad Hoc Space Available - Tampa, Sarasota, Miami Rooms</i>									
7:30am-8:30am	<b>Morning Refreshments and Exhibit/Poster Set-Up</b> - <i>Grand Ballroom Salons E-F</i>									
<b>Morning Pre-Conference Workshops</b>										
<b>Location</b>		<b>Grand Salons A-B</b>			<b>Grand Salons C-D</b>			<b>Grand Salons G-H</b>		
<b>Organizer</b>		<b>Joseph Nicolette, ENVIRON International Corp.</b>			<b>Carrie Sanneman, Willamette Partnership</b>			<b>Gregg Verutes, Stanford University</b>		
<b>AV Operator</b>		Juliana Corrales			Jarrod Loerzel			Eunice Eshun		
8:30am-10:00am		Evolution And Valuation Of Ecosystem Services: Practical Case Applications			Markets 101: What Are We Talking About?			Demonstration Of InVEST: A Decision-Support Tool For Valuing Nature		
10:00am-10:30am	<b>AM Break</b> - <i>Grand Ballroom Salons E-F</i>									
10:30am-12:00pm	Morning Workshop Continued		Morning Workshop Continued			Morning Workshop Continued				
12:00pm-1:00pm	<b>Workshop Boxed Lunch</b> - <i>Grand Ballroom Salons E-F</i>									
<b>Afternoon Pre-Conference Workshops</b>										
<b>Location</b>		<b>Grand Salons A-B</b>			<b>Grand Salons C-D</b>			<b>Grand Salons G-H</b>		<b>Grand Salons J-K</b>
<b>Organizer</b>		<b>Doug MacNair, Cardno ENTRIX</b>			<b>Jeremy Sokulsky, Environmental Incentives</b>			<b>Gregg Verutes, Stanford University</b>		<b>John Marshall, Arthur R Marshall Foundation</b>
<b>AV Operator</b>		Justin Voss			Mohamad Traboulsi			Eunice Eshun		James Beerens
1:00pm-2:30pm		The Use Of Ecosystem Service Valuation In Decision Making: Case Studies From The Public And Private Sector			Program Development From The Ground Up: How Do You Build It?			<i>continued...</i> Demonstration Of InVEST: A Decision-Support Tool For Valuing Nature		Valuing Ecosystems Services: Why The Controversy? Everglades Case Studies!
2:30pm-3:00pm	<b>PM Break</b> - <i>Grand Ballroom Salons E-F</i>									
3:00pm-4:30pm	Afternoon Workshop Continued		Afternoon Workshop Continued			Afternoon Workshop Continued			Afternoon Workshop Continued	
4:30pm	<b>Workshops Conclude</b>									
4:45pm-5:45pm	<b>Town Hall Meeting</b> - <i>Eco Investment Game - Grand Salon J-K</i>									
<b>Evening on Own</b>										

Tuesday, December 11, 2012									
7:00am-5:00pm	Conference Registration Open - Grand Ballroom Foyer Ad Hoc Space Available - Tampa, Sarasota, Miami Rooms								
7:00am-8:00am	Morning Refreshments and Poster Set-Up - Grand Ballroom Salons E-F								
8:15am-10:00am	Opening Plenary Session - Ocean Ballroom								
8:15am-8:30am	Welcome - Frank Casey U.S. Geological Survey, ACES 2012 Conference Chair								
8:30am-10:00am	<p><b>Plenary Session I</b></p> <p><b>Applying an Ecosystem Services Framework to Natural Resource Management: Accomplishments, Challenges and Opportunities</b> Moderated By: Olivia Ferriter, Deputy Director, Office of Policy Analysis, U.S. Department of Interior</p> <p><b>Panel Members</b> Barry Gold, Program Director, Marine Conservation Initiative, Gordon and Betty Moore Foundation Craig Hansen, Director, People and Ecosystems Program, World Resources Institute Paula Harrison, Senior Researcher in Biodiversity, Oxford University Marina Moses, Director, Science and Technology for Sustainability, The National Academies Charles Perrings, Professor of Environmental Economics, Arizona State University</p>								
10:00am-10:30am	AM Break - Ocean Ballroom Foyer and Lawn								
10:30am-12:00pm	<p><b>Plenary Session II</b></p> <p><b>Linking Science, Practice and Decision Making to Incorporate Ecosystem Services in Natural Resource Management</b> Moderated By: Molly Macauley, Vice President for Research and Senior Fellow, Resources for the Future</p> <p><b>Panel Members</b> Ricardo Bayon, Partner and co-Founder, EKO Asset Management Partners Rudolf de Groot, Associate Professor in Integrated Ecosystem Assessment, Wageningen University Tom Martin, President and CEO, American Forest Foundation Lynn Scarlett, Co-Director, Center for the Management of Environmental Wealth, Resources for the Future Ione Taylor, Associate Director of the Energy, Minerals, and Environmental Health Mission Areas, U.S. Geological Survey</p>								
12:00pm-1:30pm	Boxed Lunch - Grand Ballroom Salons E-F								
Tuesday Special Lunch Sessions									
12:15pm-1:20pm	The Relationship Of Ecosystem Services To Natural Resource Damage Assessments (NRDA)		Ecosystem Services and Sustainability		We Live By The River		Integrating The Value Of Nature Into Business Decision-Making		
	Grand A-B 3rd Floor		Grand C-D 3rd Floor		Grand G-H 3rd Floor		Grand J-K 3rd Floor		
	Mark Rockel		Carl Shapiro		Jon Waterhouse		Jennifer Molnar		
	Juliana Corrales		Jarrod Loerzel		Maura Talbot		Abbey Tyrna		
12:15pm-12:20pm	Introduction & Overview		Introduction & Overview		Introduction & Overview		Introduction & Overview		
12:20pm-12:40pm	Tom Campbell Evolution Of NRDA And Ecosystem Service Valuation		Ione L. Taylor Sustainability, Energy And Mineral Resources And Environmental Health		Movie: We Live By The River <i>'We Live by The River' is an internationally acclaimed, award winning film highlighting the environmental threats and realities of rural, traditional life on the Yukon River. With 70 sovereign Tribes and First Nations, the Yukon River Inter-Tribal Watershed Council works toward the shared vision of "to be able to drink directly from the Yukon River".</i>		Sheila Walsh Valuing Green And Grey Infrastructure: Coastal Protection Analysis		
12:40pm-1:00pm	Joseph Nicolette The Importance Of Understanding Baseline Ecosystem Services In NRDA, By Example In The Gulf Of Mexico		Marina Moses Ecosystem Services And Sustainability Linkages: Perspectives From The National Research Council				Timm Kroeger Reforestation As A Corporate Compliance Measure For Air Pollution Mitigation: The Case Of Ground-Level Ozone		
1:00pm-1:20pm	Brian Israel Current Views On Ecosystem Services		Barry Gold Conservation, Ecosystem Services And Sustainability: An Emerging Perspective				Johnathan DiMuro Incorporating Nature's Value Into Business Decisions At The Dow Chemical Company		
Concurrent Sessions									
Tuesday	Session 1A	Session 1B	Session 1C	Session 1D	Session 1E	Session 1F	Session 1G	Session 1H	
1:30pm-3:15pm	Ecosystem Services: So, What's Next?	What Socio-Economic Values Of Coastal And Marine Ecosystem Services Are Needed For Effective Decision-Making?	Social And Cultural Part 1	Quantifying Ecosystem Service Production	Federal Policy Part 1	Ecosystem Services And Land Use Policy	Designing A PES Program For Water Management Services On Ranchlands In Florida's Northern Everglades Part 1	Natural Resource Markets	
	Ocean Ballroom 1st Floor	Key West/ Palm Beach 2nd Floor	Clearwater/ Orlando 2nd Floor	Jacksonville/ Tallahassee 2nd Floor	Grand A-B 3rd Floor	Grand C-D 3rd Floor	Grand G-H 3rd Floor	Grand J-K 3rd Floor	
	Rebecca Rubin	Cristina Carollo & David Yoskowitz	Gretchen Greene	Paul Krause	Richard Wenning	Fletcher Beaudoin	Sarah Lynch	Craig Broadbent	
	Hotel AV Tech	James O'Connell	Mohamad Traboulsi	Eunice Eshun	James Beerens	Rita Gomes	Nima A-Mohajer	Lauren Hutchison	
1:30pm-1:35pm	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	
1:35pm-1:55pm	Sally Collins 21st Century Conservation And The Role Of Ecosystem Services	Linwood Pendleton What Socio-Economic Values Of Coastal And Marine Ecosystem Services Are Needed For Effective Decision-Making?	Robert Winthrop Economic And Cultural Accounts Of Environmental Value	Rebecca Logsdon A Quantitative Approach To Evaluating Ecosystem Services	Jeffrey Kline Applying Ecosystem Services Concepts To Public Lands Management	Brent Davies Partners With Nature, Developing Scenarios For Ecosystem Services And Resilience In The Greater Portland Region	Hilary Swain The Complexity Of Ecosystem Services Provided By The Northern Everglades	Don Coursey Overview of Natural Resource Markets	
1:55pm-2:15pm	Henri Bisson Assessing The Role Of Ecosystem Services In BLM Grazing Lands And The Ecosystem Services In Retiring Grazing Rights	Cristina Carollo Ecosystem Services Framework: A Step-By-Step Approach On How To Operationalize Ecosystem Services	Julie Insignares-Santos Using Stated Preferences To Predict Outcomes In Markets For Ecosystem Services: Accounting For Heterogeneity In Preferences And Scale	Tingting Liu Modeling The Production Of Multiple Ecosystem Services	Spencer Phillips Ecosystem Services In National Forest Planning	Kevin Halsey Ecosystem Services And The Quest For Sustainable Cities	Leonard Shabman Designing A Payment For Environmental Services Program On Working Ranches In The Northern Everglades	Craig Broadbent Experiments In Testing Real-Time Water Leasing Markets	
2:15pm-2:35pm	Wayne White Credit Stacking Not Double Dipping: Can We Unstack And Sell Separate Layers?	Christopher Kelble A Framework to "Mainstream" Ecosystem Services For Ecosystem-Based Management	Sarah Schomers The Potential Of Civil Society Initiatives To Increase Economic Efficiency And Effectiveness During Payment For Ecosystem Services (PES) Implementation	Derek Pelletier The Effect Of Hydrologic Management On Ecosystem Services In An Impounded Lake	Chris Miller & Kawa Ng Ecosystem Services Evaluation Framework In National Forest Systems	Paul Manson Public Involvement, Values And Participation In Ecosystem Services Values		David Brookshire A Real-Time Water Leasing Market In The Mimbres Basin, NM	
2:35pm-2:55pm	Will Travis Incorporating Ecosystem Services Into Public Planning And Private Sector Development In The San Francisco Bay Region	Marc Russell Development And Application Of A Community Sustainability Visualization Tool	Mattijs Van Maasackers Do Ecosystem Services Markets Build Relationships?	David Murphy Estimating The Change In The Provision Of Ecosystem Services Due To Natural Gas Extraction In Pennsylvania	Chinling Chen A Review Of 2010 State Forest Action Plans Focused On Ecosystem Services And Markets	Tracy Stanton Valuing Open Space As An Ecosystem Service In Local Or Regional Land-Use Plans	Benita Whalen The Need, Design And Implementation Of The Northern Everglades - Payment For Environmental Services Program	Richard Bernknopf Estimating The Costs, Capacity And Tradeoffs Of Ecosystem Services In A Net Resource Assessment In The 21st Century	
2:55pm-3:15pm	Ryan Delbler Realizing The Potential Of The National Wildlife Refuge System As A Tool For Protecting Ecosystem Services	David Yoskowitz Assessment Of Changing Ecosystem Services Provided By Timbalier Island Habitats	Jeffrey Thomas The Puyallup Tribal Homelands & Eco-Cultural Concepts: Past, Present And Future	Kate MacFarland Promote Woody Biomass As An Ecosystem Service	Carrie Presnall Ecosystem Services & NEPA: USFS Familiarity And Perceptions	Discussion	Discussion	Stephen Faulkner Enhanced Carbon Sequestration Scenarios: Evaluating Tradeoffs Among Multiple Ecosystem Services	
3:15pm-3:45pm	PM Break - Grand Ballroom Salons E-F								

<b>Tuesday</b>	<b>Session 2A</b>	<b>Session 2B</b>	<b>Session 2C</b>	<b>Session 2D</b>	<b>Session 2E</b>	<b>Session 2F</b>	<b>Session 2G</b>	<b>Session 2H</b>
3:45pm-5:30pm	Using An Ecosystem Services Framework In An Adaptive Management Decision Process	Coastal Services And Value	Social And Cultural Part 2	Ecosystem Service Values And Their Use In Development Decision Making And Regulatory Analysis	Federal Policy Part 2	Ecosystem Services In An Urban Environment	Designing A PES Program For Water Management Services On Ranchlands In Florida's Northern Everglades Part 2	Spatial Subsidies From Migration: A Foundation For Conservation Markets
<b>Location</b>	<b>Ocean Ballroom 1st Floor</b>	<b>Key West/ Palm Beach 2nd Floor</b>	<b>Clearwater/ Orlando 2nd Floor</b>	<b>Jacksonville/ Tallahassee 2nd Floor</b>	<b>Grand A-B 3rd Floor</b>	<b>Grand C-D 3rd Floor</b>	<b>Grand G-H 3rd Floor</b>	<b>Grand I-K 3rd Floor</b>
<b>Moderator</b>	<b>James Boyd</b>	<b>Todd BenDor</b>	<b>Jonathan Winsten</b>	<b>Rosalind Bark</b>	<b>Lynne Koontz</b>	<b>Richard Bernknopf</b>	<b>Leonard Shabman</b>	<b>Darius Semmens</b>
<b>AV Operator</b>	<b>Hotel AV Tech</b>	<b>Nima A-Mohajer</b>	<b>TBD</b>	<b>Eunice Eshun</b>	<b>James Beerens</b>	<b>Maura Talbot</b>	<b>Lauren Hutchison</b>	<b>Martha Zapata</b>
3:45pm-3:50pm	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>
3:50pm-4:10pm	<b>Byron Williams</b> Adaptive Management And Ecosystem Services	<b>Summer Martin</b> Is Fishing Really Worth More Than Biodiversity In The Open Ocean?	<b>Rebecca Logsdon</b> Assessing Farmer Understanding Of Agricultural Ecosystem Services	<b>Rudolf de Groot</b> Use Of The Ecosystem Services Concept In European Policy And Decision Making	<b>Cathy Cullinane Thomas</b> Economic Impacts Of Federal Investments In Ecosystem Restoration	<b>L James Lester &amp; Gregory Biddinger</b> Tradeoffs Of Ecosystem Services From Wetlands And Streams In The Houston Region	<b>Sanjay Shukla</b> Water And Nutrient Retention From A PES Program In Florida Ranchlands	<b>Darius Semmens</b> Spatial Subsidies Of Monarch Migration: A Tale Of Three Countries
4:10pm-4:30pm	<b>Becky Epanchin-Neill</b> Integrating Adaptive Management And Ecosystem Services Frameworks To Improve Natural Resource Management: An Exploration Of Benefits And Approach	<b>Lauretta Burke</b> Coastal Capital: Standardized Framework For Coastal Valuation In The Caribbean	<b>Matthew Cranford</b> Incentive Choice And Joint Liability In Payments For Ecosystem Services	<b>Rosalind Bark</b> Ecosystem Service Values And their Use In Development Decision-Making And Regulatory Analysis	<b>Clay Ogg</b> Policy Options For Achieving Multiple Species Protection Benefits	<b>Scott Bernstein &amp; Steve Wise</b> Perfecting And Capturing The Value Of Green Infrastructure For Community Ecosystem Services	<b>Mark Clark</b> Evaluating Soil Phosphorus Retention And Release Potential On Lands Receiving Payment For Environmental Services	<b>Ruscena Wiederholt</b> Spatial Ecosystem Services Of Mexican Free-Tailed Bats
4:30pm-4:50pm	<b>Molly Macauley</b> Challenges And Opportunities: An Institutional Perspective	<b>Grace Johns</b> Economic Indicators For Coastal And Marine Ecosystem Management	<b>Pu Wang</b> Payments For Ecosystem Services As Conservation And Poverty Alleviation Mechanism In China	<b>Rosalind Bark</b> Environmental Water Recovery In The Murray-Darling Basin: Linking Ecosystem Service Benefits And Risk	<b>Denise Reed</b> Using Information On Ecosystem Services In Corps Planning: Opportunities And Constraints	<b>Kathleen Wolf</b> Urban Ecosystems And Human Health: Metro Nature As Provider Of Cultural Services	<b>Elizabeth Boughton</b> Research To Refine The Design Of PES Programs In Florida Ranchlands: Shifts In Vegetative Communities	<b>Wayne Thogmartin</b> Spatial Transfer Of Value By Migrating Birds: The Case Study Of The Northern Pintail
4:50pm-5:10pm	<b>Dianna Hogan</b> Adaptive Management, Monitoring, And Ecosystem Services: A Case Study In Clarksburg, MD	<b>Ilona Kaminska</b> Economic Valuation Of Balancing The Effects Of Eutrophication Processes - Regulating Ecosystem Services In Brackish Estuaries (The Southern Baltic Sea)	<b>Christopher Rea</b> The Politics Of Conservation Banking: A Longitudinal Study Of Conservation Banking (Or Not) In California, Oregon And Florida	<b>Robert Johnston</b> Ecosystem Service Valuation Within United States Regulatory Rulemaking: Stated Preference Estimation Of Benefits Within Section 316(B) Of The Clean Water Act	<b>Brian Voigt</b> Incorporating Recreation-Based Ecosystem Services Into A BLM Master Leasing Plan For The Greater Moab Region, Utah	<b>Amy Lynch</b> Urban Sustainability Indicators And Ecosystem Services	<b>Patrick Bohlen</b> Show Me The Service: Scientific Trade-Offs In Documenting The Services In A Payment For Environmental Services Program	<b>Joshua Goldstein</b> Economic Approaches And Market Constructs For Cross-Border Migratory Species
5:10pm-5:30pm	<b>Carl Shapiro</b> Synthesis And Discussion	<b>Timothy Boucher</b> A Spatial Framework For Developing Green And Gray Infrastructure Scenarios In Coastal Natural Hazard Mitigation Planning	<b>Discussion</b>	<b>Stephen Swallow</b> Ecosystem Auctions For Decision Support For Invasive Plants Management In Southern California	<b>Discussion</b>	<b>Discussion</b>	<b>Discussion</b>	<b>Panel Discussion</b> Challenges And Opportunities For Application - An Open Discussion
5:45pm-7:45pm	<b>Welcome Reception and Student Fellow Recognition - Ocean Ballroom Patio and Lawn</b>							
7:30pm-8:30pm	<b>Town Hall Meeting - Developing Successful Ecosystem Services Projects to Support Military Training - Grand Salons C-D</b>							

Wednesday, December 12, 2012									
7:00am-5:00pm	Conference Registration Open - Grand Ballroom Foyer Ad Hoc Space Available - Tampa, Sarasota, Miami Rooms								
7:00am-8:00am	Morning Refreshments - Grand Ballroom Salons E-F								
8:00am-9:45am	Plenary Session - Ocean Ballroom								
	<p align="center"><b>Plenary Panel Discussion</b>  <b>Native American Views of Ecosystem Services and Markets: Challenges and Opportunities</b>  <b>Moderated By: James Caudill, Chief, Division of Economics, U.S. Fish and Wildlife Service</b></p> <p align="center"><b>Panel Members</b>  <b>Jeffrey Thomas, Director, Timber and Fish Division, Puoyullap Tribe</b>  <b>Carol Hasburgh, Environmental Scientist, Yukon River Inter-Tribal Watershed Council</b>  <b>Terry Williams, Commissioner of Fisheries and Natural Resources, Tulalip Tribes</b>  <b>Jon Waterhouse, Executive Director, Yukon River Inter-Tribal Watershed Council</b>  <b>Steve Darden, Steven A. Darden Enterprises</b></p>								
9:45am-10:15am	AM Break - Grand Ballroom Foyer								
	Concurrent Sessions								
Wednesday	Session 3A	Session 3B	Session 3C	Session 3D	Session 3E	Session 3F	Session 3G	Session 3H	World Café Session
10:15am-12:00pm	Current Business Engagement With Ecosystem Services	Approaches For More Comprehensively Assessing Ecosystem Services	Social And Economic Valuation Part 1	Restoring Water Quality And Ecosystem Services In The Chesapeake Bay Watershed	County And State Policy	Improving Provision Of Urban Ecosystem Services Part 1	State Of The Union - Financing And PES	Taking Ecosystem Service Markets To Scale: What Will It Take?	PES: Making Them Work
Location	Ocean Ballroom 1st Floor	Key West/ Palm Beach 2nd Floor	Clearwater/ Orlando 2nd Floor	Jacksonville/ Tallahassee 2nd Floor	Grand A-B 3rd Floor	Grand C-D 3rd Floor	Grand G-H 3rd Floor	Grand J-K 3rd Floor	Grand E-F 3rd Floor
Moderator	Sissel Waage	Ronald Raunikar	William Gascoigne	George Van Houtven	Mary Snieckus	Dixon Landers	Carl Palmer	Bobby Cochran	Claudia Sattler
AV Operator	Hotel AV Tech	Eunice Eshun	Jarrold Loerzel	Juliana Corrales	James Beerens	Martha Zapata	Abbey Tyrna	Rita Gomes	n/a
10:15am-10:20am	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:20am-10:40am	Sarah Connick Challenges For Evaluating Ecosystem Services In Projects And Operations	Harry Stone Ecoval™ Environmental Quality Evaluation System (EES)	Michael Papenfus Valuing U.S. Water Quality At Regional And National Scales	Lisa Wainger Ecosystem Service Tradeoffs In The Implementation Of The Bay TMDL	Francisco Escobedo Ecosystem Services And Value Of Florida's Forest Stewardship Program Lands	Kate Bonaparte Ecosystem Services In The Built Environment	Ricardo Bayon Payments And Markets For Ecosystem Services Over The Past Decade. Ups And Downs And How Did We Get Here	Bobby Cochran Getting Ecosystem Markets To Scale: Is It Possible?	Carl Lucero & Bernhard Osterburg What Makes Governmental Programs And Intervention Successful On The Ground?
10:40am-11:00am	Gregory Biddinger Adapting To An Environmental Management Paradigm Based On Protecting The Service Of Nature: Private Sector Challenges	Richard Bernknopf Economic Management Of Multiple Ecosystem Services: A Portfolio Approach	Ronald Nelson Plays In The Southern High Plains: A Conceptual Framework For The Valuation Of Ecosystem Services	Ross Loomis An Economic And Spatial Analysis Of Nutrient Credit Trading For The Chesapeake Bay	Amy Lynch Is It Good To Be Green?: Assessing County Green Infrastructure Planning In Maryland And Florida	Leesa Souto Geospatial Analysis Of Human Nitrogen Inputs And The Potential Impact To Ecosystem Services	Patrick Coady PES - Market Size: What Are Talking About And What Does It Mean?	Todd Gartner Decentralized Policy And Implications For Scalability	Sarah Lynch & Florian Schoene Is Civil Society Involvement Necessary For Successful PES?
11:00am-11:20am	Ayako Kohno CEV - New Ways To Value Natural Capital For Business	Ronald Raunikar Comprehensive Analysis Of Regional Ecosystem Services: The Role Of Inherently Aggregative Landscape Scale Indices	Wilson de Sousa Jr Valuation Of Ecosystem Service Of Carbon Storage And Sequestration In The Northern Coast Of Sao Paulo	Ann Swanson Challenges For Developing A Coordinated Nutrient Trading Strategy For The Chesapeake Bay	Heidi Huber-Stearns What is PWS? A Catalog And Typology Of Incentive-Based Watershed Programs In The Western United States	John Zahina-Ramos The Importance Of Local Natural Habitat To Urban Agriculture	George Howard PES Markets Over Three Decades: A Veteran Speaks	Tracy Stanton Scaling Up: Highlighting Differences And Commonalities From Across The Globe	Brian Voigt & Achim Schaefer How To Use Modeling Tools To Design Successful PES?
11:20am-11:40am	Sissel Waage The Quiet (R)Evolution In Corporate Environmental Performance Expectations & Actions	Paul Ringold Gaps Between What We Measure And What We Need To Know To Value Streams	Kawa Ng Estimating The Economic Contributions Of Water Originating From Colorado's National Forests	George Van Houtven Measurement And Valuation Of Ecosystem Service Co-Benefits From The Chesapeake Bay TMDL	Natalie Snider Challenges Of Incorporating Ecosystem Services Into A Decision-Making Process	Karis Tenneson Linking Yard Care To Property Characteristics And Homeowner Values	Nancy Natoli The Department Of Defense Manages 29 Million Acres. Implications For Ecosystem Services	David Primozich Access To Capital And Using Local Capacities At Scale	Jonathan Winsten & Bettina Matzdorf Design Successful Performance-Based PES Programs
11:40am-12:00pm	Craig Duxbury Ecosystem Services: A Sustainability Metric For Corporations?	Timm Kroeger Applying The Ecological Endpoint Approach To Freshwater Ecosystem Services Projects: Notes From The Field	Zachary Cole Coastal SoLVES: Adapting A Terrestrial-Based GIS Tool For The Non-Monetary, Spatial Evaluation Of Ecosystem Services In A Coastal Environment	Panel Discussion	Art Goodtimes A Payment For Ecosystem Services Pilot Project Surveying For Rare Plants On Private Lands	Discussion	Panel & Audience Discussion	Discussion	Discussion
12:00pm-1:30pm	Boxed Lunch - Grand Ballroom Salons E-F								
	Wednesday Special Lunch Sessions								
12:15pm-1:20pm		State Government Perceptions On Using Ecosystem Services In Management Decisions		Resource Dependency Risk Management And Corporate Sustainability		Unlocking Private Capital For Land Conservation And Rural Economic Development In The U.S.A.		Investing In Market Design - A Government's Perspective On Quantifying Environmental Performance	
Location		Grand A-B 3rd Floor		Grand C-D 3rd Floor		Grand G-H 3rd Floor		Grand J-K 3rd Floor	
Moderator		Lydia Olander		Judy Gunderson		Peter Stein		Carl Lucero	
AV Operator		Emily Dunn		Karis Tenneson		James Beerens		Mohamad Traboulsi	
12:15pm-12:20pm		Introduction & Overview		Introduction & Overview		Introduction & Overview		Introduction & Overview	
12:20pm-12:40pm		Michael Ellison Developing Ecosystem Services For Compensatory Mitigation In North Carolina		Lisa Grice Corporate Sustainability And Commercial Risk Drive Lifecycle Focus On Resource Dependency		Patrick Coady Feasibility Results For The Conservation Investment Note Program		Carl Shapiro USGS: Applying Science And Monitoring In Support Of Ecosystem Services	
12:40pm-1:00pm		Marianne Gengenbach Challenges In Translation: The Rocky Path From Science To Practice On Public Lands		Daniel Gerding & Emily Taylor Designing Innovative Corporate Water Risk Management Strategies From An Ecosystem Services Perspective		Logan Yonavjak Conservation Investment Note Program - Structure, Benefits, Goals		Robert Rose EPA: Resources, Tools, And Other Opportunities For Collaboration	
1:00pm-1:20pm		Brett Brownscombe Oregon's Evolving Policy Innovations To Protect Ecosystem Services		Kenneth Bagstad Incorporating Ecosystem Services In Decision Making Across Federal Agencies		James Remuzzi Delivering The Product: Pipeline Development For The Conservation Investment Note Program		Christopher Hartley USDA: Helping Market-Based Approaches Engage Landowners In Conservation	

Concurrent Sessions									
<b>Wednesday</b>	<b>Session 4A</b>	<b>Session 4B</b>	<b>Session 4C</b>	<b>Session 4D</b>	<b>Session 4E</b>	<b>Session 4F</b>	<b>Session 4G</b>	<b>Session 4H</b>	<b>World Café Session</b>
1:30pm-3:15pm	Communicating Ecosystem Services Part 1	Agricultural Ecosystem Service Policy And Programs	Social And Economic Valuation Part 2	How Ecosystem Services Can Help To Stem The Nitrogen Cascade	International Government Perspectives On The Use Of Ecosystem Services In Management Decisions	Improving Provision Of Urban Ecosystem Services Part 2	Looking Beyond The Fog Of War	Integrating Federal Efforts To Support Environmental Markets – An Interactive Dialogue	Getting The Ecosystem Services You Pay For: Tools And Technology
<b>Location</b>	Ocean Ballroom 1st Floor	Key West/ Palm Beach 2nd Floor	Clearwater/ Orlando 2nd Floor	Jacksonville/ Tallahassee 2nd Floor	Grand A-B 3rd Floor	Grand C-D 3rd Floor	Grand G-H 3rd Floor	Grand J-K 3rd Floor	Grand E-F 3rd Floor
<b>Moderator</b>	Rob Fiegener	Heather Wright	Malka Pattison	Anne Rea	Lydia Olander	Greg Arthaud	Patrick Coady	Carl Lucero	Bobby Cochran
AV Operator	Hotel AV Tech	Lauren Hutchison	James O'Connell	Juliana Corrales	Martha Zapata	Justin Voss	Nima A-Mohajer	Maura Talbot	n/a
1:30pm-1:35pm	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>
1:35pm-1:55pm	Brendan McLaughlin Ecosystem Services Messaging Considerations	Tim Gieseke Symbiotic Demand: An Antithesis To The "Tragedy Of The Commons"	Nana Yaw Amponsah Accounting For Ecosystem Services Using Energy Analysis: Florida Energy Crops (Sugarcane)	Jana Compton Where The Rubber Meets The Road: What Is Needed To Sustainably Manage Reactive Nitrogen In The United States?	Helen Dunn Recent UK Developments In The Application Of Ecosystem Services In Policy	James Yoo The Valuation Of Off-Site Ecosystem Services Flows: The Impact Of Deforestation On Lake-Sedimentation In Prescott, Arizona	James Levitt Landscape Scale Conservation As An Organizing Principle - Key Role For Ecosystem Markets	Steve Marshall Stephanie Larson Jeffery Thomas Pelayo Alvarez David Brookshire Speaker Perspectives on Environmental Markets	Brent Davies Forest Ecosystem Services: Management Scenario Planning
1:55pm-2:15pm	Becca Madsen Examples Of Corporate Communication Of Ecosystem Services	Carl von Ende Payment For Agricultural Ecosystem Services In Northern Illinois	Jan Lewandrowski Assessing The CO2 Incentive Levels That Would Make Farmer Adoption Of GHG Mitigating Practices And Technologies Break-Even Investments	Jason Lynch Using Ecosystem Services To Improve Air Policy For Nitrogen And Sulfur Deposition	Christo Marais Generating Support For Natural Capital Interventions And Broadening The Funding Base By Unlocking Investments In Ecosystem Services Through Land User Incentives In South Africa	Jennifer Harrison Cox Valuing Health Benefits And Stewardship In Urban Parks	Reed Huppman Going Global - The International Finance Corporation Performance Standards On Environmental And Social Responsibility. International Development Projects And Ecosystem Services Examples	Facilitated Discussion <i>Interactive Dialogue Where We Ask The Audience For Input on the Role of the Federal Government in Environmental Markets</i>	Carrie Sanneman Ecosystem Crediting Platform: Automating Ecosystem Service Market Operation
2:15pm-2:35pm	Kyle Copas (Re)Counting Nature's Benefits	Gorety Dias The Norfolk County Alternative Land Use Services (ALUS) Program As A Community-Based Model For Ecosystem Services Implementation	Jay Diffendorfer Willingness To Pay For Monarch Butterflies	Michelle McCrackin Future Riverine Nitrogen Export to US Coastal Regions: Prospects For Improving Water Quality Amid Population Growth	Ouyang Zhiyun Ecosystem Services In Decision And Policy Applications In China	Gerry Gray Opportunities For Urban Forestry Projects As Carbon Offsets In California	Jeremy Sokulsky Back In The USA - Bringing Private Money To Ecosystem Services. Where Do We Stand? Discussion Of Various Business Models		Alex Johnson Getting The Ecosystem Services You Pay For
2:35pm-2:55pm	Becca Madsen Ecosystem Services And The Electric Power Industry	Jonathan Winsten Calculating Supply Curves For Greenhouse Gas Offset And Water Quality Credits From Agricultural Management Practices In The Upper Mississippi River Basin	Madhu Verma Use Of Indicators To Reduce Uncertainties In Modeling And Valuation Of Regulating Services	Marc Ribaudo Nutrient Markets Related To Agriculture And Water Policy	Valerie Sexton Valuation Of Ecosystem Services In Support Of Regulation (In Canada)	Shafi Noor Islam Urban Ecosystem Services Under Threat In Dhaka Mega City In Bangladesh	Peter Stein Clean Up Hitter - The Financing Horizon From 30,000 Feet		Nicole Robinson Maness Verifying Ecosystem Services Beyond Carbon
2:55pm-3:15pm	Discussion	Michal Fidler Land Use Trade-Offs Between Fuel, Food, And Ecosystem Services	Discussion	Stephen Jordan A Vision Of Success: How Nutrient Management Will Enhance And Sustain Ecosystem Services	Antonio Tafuri TEEB Brazil Initiative	Discussion	Panel & Audience Discussion		Discussion
3:15pm-3:45pm	PM Break - Grand Ballroom Salons E-F								
Concurrent Sessions									
<b>Wednesday</b>	<b>Session 5A</b>	<b>Session 5B</b>	<b>Session 5C</b>	<b>Session 5D</b>	<b>Session 5E</b>	<b>Session 5F</b>	<b>Session 5G</b>	<b>Session 5H</b>	
3:45pm-5:30pm	Communicating Ecosystem Services Part 2	International Case Studies	Social And Economic Valuation Part 3	Forests And Water	Presidents Call For Federal Policy On Ecosystem Services: Private Sector Insights	Urban Stormwater	PES Part 1	Emerging Best Practices To Make Water Quality Markets Work	
<b>Location</b>	Ocean Ballroom 1st Floor	Key West/ Palm Beach 2nd Floor	Clearwater/ Orlando 2nd Floor	Jacksonville/ Tallahassee 2nd Floor	Grand A-B 3rd Floor	Grand C-D 3rd Floor	Grand G-H 3rd Floor	Grand J-K 3rd Floor	
<b>Moderator</b>	Becca Madsen	Helen Dunn	Simone Maynard	Rudolf de Groot	Joseph Nicolette	Laila Racevskis	Sissel Waage	Carl Lucero	
AV Operator	Hotel AV Tech	Nima A-Mohajer	James O'Connell	Abbey Tyrna	Emily Dunn	Karis Tenneson	Juliana Corrales	Lauren Hutchison	
3:45pm-3:50pm	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	<b>Introduction &amp; Overview</b>	
3:50pm-4:10pm	Becca Madsen & Rob Fiegener Building Bridges: Communicating Ecosystem Services	Surabhi Joshi Framework For Valuing Degradation Of Forest Due To Coal Mining	Jarroed Loerzel Social Valuation Of Ecosystem Services In Urban And Rural Contexts	Mary Snieckus Testing Innovative Conservation Finance: A Tale Of Two Watersheds	Sarah Connick Judy Gunderson Brian Israel Stephen Truchon Tom Campbell <i>Private sector representatives from Chevron, Dow Chemical, Arnold &amp; Porter, Shell, and Pillsbury Winthrop Shaw Pittman will discuss their perspectives and insights as to how the development of a Federal policy on ecosystem services may affect private corporations and business. This session will provide a forum for the private sector to respond to the PCAST Report and the Public and International sessions that occur immediately before this session. Each panel member will make a brief (10 minutes) presentation regarding their views of ecosystem services from the "private sector" standpoint. This will be followed by an interactive discussion related to the call for Federal policy regarding ecosystem services.</i>	Dianna Hogan Suburban Landscape Water Quality And Quantity Services	Sheila Barry Using Payments For Ecosystem Services For Habitat Mitigation On Rangelands	Bobby Cochran How To Build And Operate A Water Quality Trading Program - A New National Reference	
4:10pm-4:30pm	Becca Madsen Brendan McLaughlin Rob Fiegener Building Bridges: Concurrent Workgroup Sessions	Rita Gomes Ecosystem Services Conservation as a Valuable Asset to Local Communities Sustainability	Ben Sherrouse Evaluating The Performance Of A GIS Tool In Assessing The Social Values Of Ecosystem Services	Todd Gartner Green Versus Gray Infrastructure Cost-Benefit Analysis: Lessons From Maine's Crooked River Watershed		Karla Wilson A Case For Native Soil Stormwater Management BMPs	Matthew Cranford Credit-Based Payments For Ecosystem Services	Kathy Benini The Ohio River Basin Water Quality Trading Project	
4:30pm-4:50pm	Becca Madsen and Brendan McLaughlin will solicit communication challenges from participants, break participants into 4-5 working groups, and provide instructions for 'breakout' time.	Lola Flores Mining And Ecosystem Services – Hard Trade-Offs In Ecuador	Stefan Schmidt Comparability Of Monetary Valued Ecosystem Services And The Influence Of Spatially Varying Socio-Ecological Conditions	Audience Q&A		Derek Vollmer Urban Dependence On Ecosystem Services: A Spatially Explicit Analysis Of A Megacity Riverside Settlement	Maura Talbot The Carrot And Stick: Linking Rewards For Ecosystem Services To A Water Cap-And-Trade Scheme In South Africa	Paul Marchetti Nutrient Credit Trading: Pennsylvania's Approach To Reducing Chesapeake Bay Compliance Costs	
4:50pm-5:10pm	Working groups will 'breakout' to address communication challenges, each small group will have a facilitator. Participants will reconvene to discuss solutions and strategies from working group.	Ederson Zanetti Climate Change And Management Of Carbon And Other Ecosystem Services Within A Green Economy Context – Study Case Green Farm Co2free, Itaquairal, Ms, Brazil	Sasathorn Tapaneeyakul Spatial Appraisal And Valuation Of Environment And Ecosystems (SAVEE)	Damian Adams How Programmatic Features Influence Willingness-To-Pay To Protect Water Quality: A Meta Analysis		Mary Jo Kealy Valuing Ecosystem Services Of Surface Waters Improved By Reducing Over Enrichment From Excess Nutrients	David Batker Funding Green Infrastructure Via A Watershed Investment District Framework	Kathy Benini Key Tools To Create Transparent And Efficient Water Quality Markets In The U.S.A.	
5:10pm-5:30pm		Romina Koto Assessment Of Environment And Economic Ecosystem Services In The Coastal Lagoon Of Karavasta In Albania	Discussion	Silvio Simonit "Stacking" Ecosystem Services In The Panama Canal Watershed		David Fowler Thinking Outside The Box Culvert, Holistic Approach To Sustainable Flood Management	Mary Schorse Capturing The Full Value Of Nature: The Potential Of Forest-Based Payment For Ecosystem Services (PES) To Contribute To A Sustainable Future	Panel-Moderated Discussion	
5:45pm-7:45pm	Poster Session & Reception - Grand Ballroom Salons E-F								
7:30pm-8:30pm	Town Hall Meeting - Response To The President's Council Of Advisors On Science And Technology (PCAST) Report On Ecosystem Services And Biodiversity - Grand Salons C-D								

Thursday, December 13, 2012								
7:00am-5:00pm	Conference Registration Open - Grand Ballroom Foyer Ad Hoc Space Available - Tampa, Sarasota, Miami Rooms							
7:00am-8:00am	Morning Refreshments & Poster Removal - Grand Ballroom Salons E-F							
Concurrent Sessions								
Thursday	Session 6A	Session 6B	Session 6C	Session 6D	Session 6E	Session 6F	Session 6G	Session 6H
8:00am-9:45am	Ecosystem Services And Influence On Civil Works Water Resources Planning	Development And Practice Of Environmentally Advanced Basin Model In Asia	Social And Economic Valuation Part 4	Restoration Of Ecosystem Services	Practical Use Of Ecosystem Services In Policy And Decision Making	Integrating Ecosystem Services Into Energy Development Planning And Mitigation	PES Part 2	California's Regulatory Carbon Market: Panacea Or Pandora's Box For Forest Landowners
Location	Ocean Ballroom 1st Floor	Key West/ Palm Beach 2nd Floor	Clearwater/ Orlando 2nd Floor	Jacksonville/ Tallahassee 2nd Floor	Grand A-B 3rd Floor	Grand C-D 3rd Floor	Grand G-H 3rd Floor	Grand J-K 3rd Floor
Moderator	Elizabeth Murray	Kazuo Oki	David Ervin	Kelli McCune	Wayne Munns, Anne Rea & Clifford Duke	Kristiana Hansen & Esther Duke	Michelle Perez	Laury Saligman & Charles Kerchner
AV Operator	Hotel AV Tech	Nima A-Mohajer	Lauren Hutchison	Mohamad Troubsi	Rita Gomes	Maura Talbot	Jarrold Loerzel	Abbey Tyrna
8:00am-8:05am	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
8:05am-8:25am	Janet Cushing Bridging the Gap Between Civil Works Planning And Ecosystem Services	Koshi Yoshida Impact Analysis Of Future Climate Change On Water Resources In Citarum River Basin, Indonesia	Kelsie LaSharr Assigning Monetary Value To Pest Control Provided By Mexican Free-Tailed Bats <i>Tadarida brasiliensis</i>	Paul Krause Carbon Sequestration Potential From Coastal Wetland Restoration Sites	Joke van Wensem Integration Of Ecosystem Services In Regulatory Frameworks And Decision Support Tools	Joseph Kiesecker Development By Design: Integrating A Landscape Scale Perspective Into Mitigation Decision Making	Eric McCleary A New Approach To Mitigation Banking	Paula Sweeden Lessons Learned From Two Forest Carbon Projects In The Southern Appalachians
8:25am-8:45am	Leonard Shabman Can Ecosystem Services Valuation Contribute To Water Resource Investment Decision-Making?	Koki Homma Development Of SIMRIW-RS (Simulation Model For Rice Weather Relations With Remote Sensing)	Dana Bauer Economic Consequences Of Pollinator Declines	Leslie Richardson Assessment Of Ecosystem Services Values For The Central Everglades	James Boyd Ecosystem Service Values: What Are They, Why Are They Controversial, How Do We Measure Them and Should We Even Try?	Robert Winthrop Improving Federal Energy Development Decisions: The Use Of Ecosystem Service Valuation	Eneida Campos PES in Consortium To Promote Rural Sustainability, Brazil	Brian Shillinglaw An Investor's View On Opportunities For Landowners In The California Carbon Market
8:45am-9:05am	Lisa Wainger Approaches For Incorporating Ecosystem Goods And Services In Corps Planning And Environmental Benefits Evaluation	Chiharu HONGO Estimation Of Rice Yield From Remotely Sensed Data	Kym Campbell The Application Of A Net Ecosystem Service Analysis (NESA) Approach To Phosphate-Mined Lands In Florida	Jessica Musengezi Low-Cost Restoration Of Rangelands For Ecosystem Services	Janet Ranganathan Integrating Ecosystem Services Into Public And Private Sector Decisions	David Wolfe & Kevin Halsey Design And Metrics: Energy Development And Habitat Credit Trading In The Southern Great Plains	Dawit Mulatu Upstream Resource Managers' Preferences For Water-Related Ecosystem Services In The Lake Naivasha Basin, Kenya	Charles Kerchner California's Regulatory Forest Carbon Market: Panacea Or Pandora's Box For U.S.A. Landowners?
9:05am-9:25am	Panel Discussion	Hiroaki Shirakawa Economic Impacts Of Second Generation Biofuel Development In Indonesia – A Case Study Of Bioethanol Production From Rice Straw In The Citarum River Basin	Discussion	Maura Flight Ecosystem Services And Natural Resource Restoration Projects	Panel Discussion	Ted Toombs & Jeremy Sokulsky Energy Sector Market Demand For Habitat Credit Trading In The Western U.S.A.	Tiffany Potter Forest Carbon And Nutrient Trading Transactions In The United States	John Gunn Manomet/Spatial Informatics Group Forest Carbon Forecaster: A Carbon Pro Forma Tool To Evaluate Carbon Market Opportunities On Private And Public Forestlands
9:25am-9:45am		Keigo Noda Evaluation Of Scenarios For Alleviating Farmers' Poverty In Indonesia	Gretchen Greene Valuing Ecosystem Services Associated With Used Oil Recycling	Todd BenDor Prioritizing Wetland Restoration: A Review And Application To The Mississippi Coastal Improvements Program, U.S.A.		Esther Duke & Kristiana Hansen Rancher Preferences For PES Program Design In Wyoming	Discussion	Panel Discussion: Questions From The Landowner's Perspective: Risks, Rewards & Fine Print
9:45am-10:15am	AM Break - Grand Ballroom Salons E-F							
Thursday	Session 7A	Session 7B	Session 7C	Session 7D	Session 7E	Session 7F	Session 7G	Session 7H
10:15am-12:00pm	Institutional Framework	Ecosystem Services Version 3.0: Valuation To Governance In Action	Geospatial And Decision Making Tools Part 1	Biodiversity	Breaking The Silos To Build Metrics Across The Boundaries	Military Training, Rural Lands Conservation and Ecosystem Payments	Payments For Ecosystem Services And Rangelands In The Western U.S.A.	Katoomba Dialogues: Watershed Payments In Peru
Location	Ocean Ballroom 1st Floor	Key West/ Palm Beach 2nd Floor	Clearwater/ Orlando 2nd Floor	Jacksonville/ Tallahassee 2nd Floor	Grand A-B 3rd Floor	Grand C-D 3rd Floor	Grand G-H 3rd Floor	Grand J-K 3rd Floor
Moderator	Darius Semmens	Paul Manson	Lisa Wainger	Leslie Richardson	Frank Casey	Frederick Cabbage	Pelayo Alvarez	Nathaniel Carroll
AV Operator	Hotel AV Tech	James O'Connell	Rita Gomes	Martha Zapata	Emily Dunn	Karis Tenneson	Jarrold Loerzel	Abbey Tyrna
10:15am-10:20am	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:20am-10:40am	Dixon Landers A Binary Approach To Define And Classify Final Ecosystem Goods And Services	Marissa Matsler Perceptions Of Supporting Ecosystem Services At The Local Level: A Case Study Of Portland's Green Infrastructure	Ronald Raunika Applied Use Value Of Scientific Information For Management Of Ecosystem Services	Discussion	Sara Vickerman A Collaborative Approach For Building Biodiversity Measures Across Scales And Jurisdictions	Brian Hays Development Of The Recovery Credit System: Lessons Learned And Future Opportunities	William Gascoigne Valuing Ecosystem Service Benefits Of Sage-Grouse Habitat Conservation	Mark Kieser Payments For Watershed Services In The Rimac Watershed Peru: Context And Challenges
10:40am-11:00am	Simone Maynard A Methodology To Develop A Framework For Ecosystem Service Assessments Across Multiple Geo-Political Scales	Roy Watters Lessons From Government-To-Government Consultation For Identifying Cultural Ecosystem Services	Susan Preston Making Sense Of Ecosystem Services For Decision Makers	Mary Snieckus Gopher Tortoise Habitat Credits: Building A Voluntary Trading System	Nicole Robinson-Mannes Building Effective Measurement Systems For Terrestrial And Aquatic Ecosystems	Todd Snelgrove Eastern North Carolina Market Based Conservation Initiative: A Partnership To Protect A Military Training Route And Conserve Rural Working Lands	Max Nielsen-Pincus Managing Rangelands For Ecosystem Services: Rancher Attitudes And Adoption Of "Payment For Ecosystem Services" Opportunities	Todd Gartner Engaging Potential Buyers And Stimulating Demand
11:00am-11:20am	David Batker Envisioning A 21st Century Natural Capital Utility	Sarah Kidd Applying Ecosystem Services To Tribal Wetland Resource Management	Mark Rounsevell Operationalising The Ecosystem Service Concept	Kenneth Boykin Quantifying And Mapping Habitat-Based Biodiversity Metrics Within An Ecosystem Services Framework	Jimmy Kagan Landscape Planning Tools And Metrics	Shari Rodriguez Landowner Preferences For Participating In Conservation Programs In North Carolina	Jessica Musengezi Payments For Watershed Services On California Rangelands	Bobby Cochran How Do You Know You Get What You Pay For?
11:20am-11:40am	Pieter Booth Ecosystem Services And Natural Resource Damage Assessment: More Disconnects Than Connections?	Paul Manson Political Processes And Ecosystem Services On The Ocean	Paula Harrison A Tool To Build The Capacity Of Decision-Makers To Adapt To Cross-Sectoral Climate Change Impacts On Ecosystem Services	Dean Urban A General Decision Framework And Toolkit For Evaluating Sites For The Provision Of Ecosystem Services	Panel Discussion	Frederick Cabbage Economic Analysis Of Payments Required To Promote Increased Longleaf Pine Habitat On Private Lands In North Carolina For Off-Base RCW Mitigation	David Jessup The Colorado Conservation Exchange – A Rancher's View	Christo Marais Mainstreaming Watershed Services In The South African Water Sector
11:40am-12:00pm	Discussion	Jodi Schoenen Ecosystem Services: Moving From Strategic To Actionable Impacts	Terry Sohl The Completion Of Four Spatially Explicit Land-Use And Land-Cover Scenarios For The Conterminous United States	Discussion	Discussion	Discussion	Terry Fankhauser Ecosystem Services And The Ranch Bottom Line	Panel Discussion Applying International Lessons
12:00pm-1:30pm	Boxed Lunch - Grand Ballroom Salons E-F							

Thursday Special Lunch Sessions									
12:15pm-1:20pm		NESP Update: Coordinating Ecosystem Services Approaches Across Federal Agencies		Ecosystem Service Based Approaches For Catchment/ Watershed Management From The Local To National Levels		National Atlas Of Ecosystem Services		Harnessing The Power Of The American Restoration Industry: Understanding The Scale Of Job Creation	
	Location	Grand A-B 3rd Floor		Grand C-D 3rd Floor		Grand G-H 3rd Floor		Grand J-K 3rd Floor	
	Moderator	Carl Shapiro Emily Dunn		Kit Macleod Karis Tennessee		Anne Neale TBD		Adam Davis Justin Voss	
12:15pm-12:20pm		Introduction & Overview		Introduction & Overview		Introduction & Overview		Introduction & Overview	
12:20pm-12:40pm		Lydia Olander Guidebook For Federal Agencies: Ecosystem Services In Natural Resource Planning, Management And Policy		Genevieve Bennett Payments For Watershed Services: Tracking Performance Around The World		Anne Neale The National Atlas Of Ecosystem Services: A Tour For Influencers, Analyzers And Decision Makers		Open Forum/ Discussion <i>This open forum will entail a discussion on the topic of the economic benefits associated with ecosystem restoration projects, specifically in the area of job creation. Approaches and methods for estimating employment benefits and secondary impacts will be covered.</i>	
12:40pm-1:00pm		<b>Panel and Moderated Discussion</b> Lydia Olander James Boyd Dean Urban Ecosystem Assessment Approaches, Analytical Approaches And Methods For Use In Natural Resource Planning Of Federal Agencies		Kelli McCune & Ann Hayden Unlocking Demand In California Watershed Pilot Program		Laura Jackson Identifying Nature's Benefits, Deficits And Opportunities For Equitable Distribution In Populated Places: A High-Resolution Component Of The National Atlas Of Ecosystem Services			
1:00pm-1:20pm				David Batker Establishing A Watershed Investment Fund For PES		Discussion			
Concurrent Sessions									
Thursday	Session 8A	Session 8B	Session 8C	Session 8D	Session 8E	Session 8F	Session 8G	Session 8H	
1:30pm-3:15pm	Collaborative Approaches To Managing Ecosystem Services At The Landscape Scale	Where Buyers Are Coming To The Market - Moving Beyond Pilot Trades	Geospatial And Decision Making Tools Part 2	Quantifying Ecosystem Service Benefits Of Conservation Programs	Ecosystem Services Go Local	Putting A Price Tag On Adaptation: Quantifying The Financial Value Of Ecosystem Services In Relation To Climate Change Adaptation	Capturing Market Interactions Due To Ecosystem Services Monetization	Harnessing The Power Of The American Restoration Industry: Expanding Capital Resources For Priority Projects	
	Location	Ocean Ballroom 1st Floor	Key West/ Palm Beach 2nd Floor	Clearwater/ Orlando 2nd Floor	Jacksonville/ Tallahassee 2nd Floor	Grand A-B 3rd Floor	Grand C-D 3rd Floor	Grand G-H 3rd Floor	Grand J-K 3rd Floor
	Moderator	Nikola Smith Hotel AV Tech	Mark Kieser Karis Tennessee	Claudia Sattler Rita Gomes	David Mushet Martha Zapata	John Gunn TBD	Doug Parsons Emily Dunn	Sara Ohrel James O'Connell	Adam Davis Maura Talbot
1:30pm-1:35pm	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	
1:35pm-1:55pm	<b>PANEL FORMAT</b> Sara Vickerman A Landscape Scale Approach To Habitat Conservation  Thomas Eason Florida's Cooperative Conservation Blueprint	George Zukows Phosphorus Credit Demand In Ontario's Fastest Growing Region	Ali Saleh Nutrient Tracking Tool - A User-Friendly Tool For Calculating Nutrient Losses Under Various Agricultural And Forestry Management Practices	Greg McCarty The Mid-Atlantic Wetland Conservation Effects Assessment Project	Katherine Hamilton State Of The Voluntary Carbon Markets 2012: Developing Dimension Reserve Program	Doug Parsons A Primer On Adaptation: Developing A Framework For An Adaptation Reserve Program	Gregory Latta Evaluating Domestic Carbon Markets With Forest Sector Models	Randy Wilgis Overcoming Constraints To Viable Markets	
1:55pm-2:15pm	Nikola Smith Applying Ecosystem Services To Collaborative Forest Management In The Pacific Northwest	Mark Kieser A Raw Look At Buyer Needs For Nutrient Offsets	Jennifer Harrison Cox & Corinne Cooley SERVES: A Web-Based Ecosystem Service Value Exchange Platform	Patrick Hunt A CEAP Study Of Denitrification In Mid-Atlantic Coastal Plain Wetlands	Scott Shouse Incenting Responsible Forest Management Among Small Forest Ownerships In Central Appalachia Using Managed Forest Carbon Offsets	Amielle DeWan Accounting For Adaptation In Payment For Watershed Services Schemes: An Application Of Climate Compatible Development	Brent Sohngen Forest Carbon Emission Abatement And Sequestration In A Global Context	David Festa How Environmental Markets Fit - The Big Picture Of Land Conservation And Restoration	
2:15pm-2:35pm	Drew Bennett Public Utilities And Innovative Payments For Watershed Services Programs  Robert Deal Enhancing Ecosystem Services Using Riparian Restoration Projects	James Klang Conservation Marketplace: Surviving Beyond Pilots With Voluntary And Visionary Market Demand	Michelle Perez Nutrient Trading Makes Economic Sense For Reducing Gulf Hypoxia: Results From A Feasibility Study Using Usda Ceap Data & Modeling	David Mushet Effects Of Conservation Programs On Biodiversity And Carbon Stores In The Prairie Pothole Region: Model Simulations Using InVEST	Josh Parrish Working Woodlands - Promoting Healthy Ecosystems	Kenneth Bagstad Conceptualizing Ecosystem Service Supply, Demand and Flows In Support Of Climate Change Adaptation	Bruce McCarl Evaluating Climate Change And Associated Policy Implications For Agriculture	Jeremy Sokulsky Environmental Return On Investment: Using Quantified Ecosystem Services To Compare Effectiveness Of Alternative Policies And Investment Approaches	
2:35pm-2:55pm		<b>Panel Discussion:</b> Mark Kieser James Klang	David McNeil Bridging The Interface Between Academia And Business: Methodological Approaches For Aiding Decision Making In The Context Of The Health And Wellbeing Benefits Of The Natural Environment	Ned Euliss, Jr. Pollination Services From The Prairie Pothole Region	Joe Short & Ethel Wilkerson Engaging The Outdoor Recreation Sector And Water Consumers As Markets For Local Carbon Offsets: The Northern Forest Carbon Exchange And The Clear Water Carbon Fund	Michael Flaxman Spatially-Targeted Payments For Ecosystem Service: A New Mechanism For Climate Adaptation	Robert Beach Modeling Economic And Environmental Impacts Of Expanded U.S.A. Bioenergy Production	Discussion	
2:55pm-3:15pm	Discussion	<b>Panel Discussion:</b> Lynn Small Credit Buyers Session	Adrian L. Vogl Optimizing Investments In Natural Capital: Rios Tool For Water Funds	Eric Scherff Incorporating Sedimentation And Water Storage Into Ecosystem Service Models	<b>Panel Discussion:</b> Katherine Hamilton Scott Shouse Josh Parrish Joe Short Ethel Wilkerson Laury Saligman	Laila Racevskis Sea Level Rise And Coastal Ecosystem Services: Understanding Public Perceptions And Values	Sara Ohrel EPA Applications And Future Research Directions		
3:15pm-3:45pm	PM Break and Poster Removal - Grand Ballroom Salons E-F								
3:45pm-5:00pm	Closing Plenary Session: Ocean Ballroom								
	<b>Plenary Panel Discussion</b> <b>Key Findings, Lessons Learned and Future Directions: A Conference Synthesis</b> <b>Moderated By: Greg Arthaud</b>  <b>Panel Members</b> <b>Greg Arthaud</b> , National Leader for Ecosystem Services Research, U.S. Forest Service <b>Craig Duxbury</b> , Environmental Scientist, Walt Disney Imagineering Research and Development <b>Todd Gartner</b> , Senior Associate, Conservation Incentives and Markets, People and Ecosystems Program, World Resources Institute <b>Dianna Hogan</b> , Research Physical Scientist, U.S. Geological Survey <b>Heather Wright</b> , Program Officer, Environmental Conservation, The Gordon and Betty Moore Foundation								
	Conference Concludes								
Friday	Friday, December 14, 2012								
7:30am-7:45am	Post-Conference Tour Participants Assemble, Caribbean Ballroom Foyer								
7:45am	Tour Loads Bus and Departs								
5:30pm	Tour Bus Arrives Back at Marriott Harbor Beach								