



## West Africa Mangroves – A Key to Climate Change Adaptation and Mitigation

Ghana, May 18-22 2014

Elmina, Ghana

### WORKSHOP AGENDA

| Sunday: 18 May 2014 – Arrival Day  |     |  |   |
|--|-----|--|---|
| Time   | No. | Topic  | Key Points/Objectives   |
| 5:00 pm  | 0.1 | <b>Registration, Welcome and Dinner</b><br><i>Greg Garbinsky – InterWorks</i><br><i>Facilitator, Stephen Kelleher - FCMC, Jason Ko – US Forest Service</i>   | <ul style="list-style-type: none"> <li>Participant registration</li> <li>Opening welcome and introductions of participants and organizers</li> <li>Hosted dinner</li> </ul> |
| Monday: 19 May 2014  |     |  |   |
| <i>Opening the Box – Current Status of Mangrove Systems and Their Benefits</i> |     |  |   |
| Time   | No. | Topic  | Key Points/Objectives   |
| 8:00 – 9:00  | 1.1 | <b>Welcome Address</b> <ul style="list-style-type: none"> <li><i>Alex Deprez, USAID Mission Director for West Africa</i></li> </ul>                          |   |
|  |     | <b>Welcoming Remarks: ECOWAS</b> <ul style="list-style-type: none"> <li><i>Johnson Boanuh, ECOWAS Environment and Water Resources Directorate</i></li> </ul> |   |
|  |     | <b>Workshop Overview – Mangroves Plus</b> <ul style="list-style-type: none"> <li><i>Anne Dix and Nico Tchamou, USAID West</i></li> </ul>                     | <ul style="list-style-type: none"> <li>Overview of the workshop structure, objectives and outputs</li> </ul>  |

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|               |              | <i>Africa Regional Mission</i>  |  |
|               |              | <b>Workshop Administration and Logistics</b> <ul style="list-style-type: none"> <li>• <i>IUCN and Greg</i></li> </ul>   |  |
| 9:00 – 9:30   | 1.2          | <b>Benefits of Mangrove Systems: a. Mangrove Ecology, Biodiversity and Ecosystems Services</b> <ul style="list-style-type: none"> <li>• <i>Chris Gordon-University of Ghana-Legon</i></li> </ul>                                | <ul style="list-style-type: none"> <li>• After this presentation, participants should be able to: <ul style="list-style-type: none"> <li>• Understand the current state of knowledge of the ecological, biodiversity and ecosystem benefits of W. African mangrove systems</li> <li>• Understand the relationship between mangroves and climate change, specifically the areas of adaptation and mitigation</li> </ul> </li> </ul> |
| 9:30 – 10:00  |              | <b>Benefits of Mangrove Systems: b. Socio-economic Benefits of Mangroves – Case Study</b> <ul style="list-style-type: none"> <li>• <i>Jean Christophe Henry: Oceanium – Senegal</i></li> </ul>                                  | <ul style="list-style-type: none"> <li>• After this presentation, participants should be able to: <ul style="list-style-type: none"> <li>• Understand the contribution that mangroves can make towards socio-economic and livelihood outcomes</li> <li>• Understand the relationship between coastal communities and mangroves</li> </ul> </li> </ul>  |
| 10:00         | <b>BREAK</b> |   |  |
| 10:30 – 11:00 | 1.2 cont.    | <b>Benefits of Mangrove Systems: c. Economic and Livelihood Benefits of Mangroves – The Case for Fisheries</b> <ul style="list-style-type: none"> <li>• <i>Salieu Sankoh– West Africa Regional Fisheries Program</i></li> </ul> | <ul style="list-style-type: none"> <li>• After this presentation, participants should be able to: <ul style="list-style-type: none"> <li>• Understand the roles and contributions of mangrove systems in the local and national economies in W. Africa – case study on fisheries (locally critical, nationally important, regionally threatened)</li> </ul> </li> </ul>  |
| 11:00 - 12:00 | 1.3a         | <b>Identifying National and Regional Benefits: Small Group Work – Identifying Benefits at the National and Regional Levels</b> <ul style="list-style-type: none"> <li>• <i>Greg Garbinsky</i></li> </ul>                        | <ul style="list-style-type: none"> <li>• After this session, participants should be able to: <ul style="list-style-type: none"> <li>• Concisely summarize the priority national and regional benefits that mangroves provide (ecological, socio-economic, economic)</li> <li>• Break out into country and regional organization groups</li> </ul> </li> </ul>  |
| 12:00 – 1:00  | 1.3b         | <b>Small Group Results Report Out in Plenary (5-8 min. each)</b> <ul style="list-style-type: none"> <li>• <i>Greg, Group Leads</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Report of the small groups in plenary sessions, identifying benefits of mangroves in each country and the region (Six reports: Ghana, Sierra Leone, Guinea, Cote d’Ivoire, Liberia and Regional Organizations)</li> </ul>   |
| 1:00          | <b>LUNCH</b> |   |  |
|               |              | <b>Case Studies Session: Integrating Mangroves into Policy, Practice and Research</b>   | <ul style="list-style-type: none"> <li>• After this session, participants should be able to: <ul style="list-style-type: none"> <li>• Understand, through the presentation of case studies, how mangroves could be integrated into national and regional policy, practice and research</li> </ul> </li> </ul>  |

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| 2:00 – 3:30 | 1.4          | <b>a. Mangroves in Coastal Planning and Management - The case of Ghana (30 min.)</b> <ul style="list-style-type: none"> <li>Nicolas Breslin – US Forest Service</li> </ul>   | <ul style="list-style-type: none"> <li>After this presentation, participants should be able to: <ul style="list-style-type: none"> <li>Understand how mangrove systems can be integrated into larger scale coastal management and planning (practice)</li> </ul> </li> </ul>  |
|             |              | <b>b. How Mangroves Can Integrate into mitigation and adaptation including REDD+ nationally and globally (CIFOR-Experience) (30 min.)</b> <ul style="list-style-type: none"> <li>Denis Sonwa – Center for International Forestry Research</li> </ul> | <ul style="list-style-type: none"> <li>After this presentation, participants should be able to: <ul style="list-style-type: none"> <li>Understand how mangrove systems can be integrated into national and global mitigation and adaptation strategies (policy)</li> </ul> </li> </ul>  |
|             |              | <b>c. Mangrove Carbon Experience Globally and in Africa (USFS) (30 min)</b> <ul style="list-style-type: none"> <li>Carl Trettin – US Forest Service</li> </ul>   | <ul style="list-style-type: none"> <li>After this presentation, participants should be able to: <ul style="list-style-type: none"> <li>Understand how mangrove research can be integrated into site and national level projects, with a focus on carbon (research)</li> </ul> </li> </ul>   |
| 3:30        | <b>BREAK</b> |  |   |
| 4:00 – 4:45 | 1.5          | <b>Mangrove Systems Review and Impact Evaluations</b> <ul style="list-style-type: none"> <li>Hussain Samad, Zebedee Njisuh – MSI</li> </ul>  | <ul style="list-style-type: none"> <li>After this presentation, participants should be able to: <ul style="list-style-type: none"> <li>TBD</li> </ul> </li> </ul>   |
| 4:45- 5:45  | 1.6          | <b>Preparation of Country and Regional Groups Presentations for Day Three</b> <ul style="list-style-type: none"> <li>Greg</li> </ul> <p>(Note: Participants may use evening time as needed to prepare as well.)</p>                                  | <ul style="list-style-type: none"> <li>Participants break up into the five country groups and one regional organizations group to prepare their 5 – 10 minute presentation on current status of: <ul style="list-style-type: none"> <li>National Climate Change Strategy (incl. adaptation/mitigation/REDD+)</li> <li>Lessons learned from REDD+ projects and programs:</li> <li>Mangrove research in the country – ongoing or needed</li> <li>National policies dealing with or affecting mangroves and what is the focal point, agency or organization</li> </ul> </li> </ul> |
| 5:45        |              | <b>Field Trip Orientation</b> <ul style="list-style-type: none"> <li>Greg, IUCN</li> </ul>   | <ul style="list-style-type: none"> <li>Participants will be provided instructions and information regarding the next day’s field trip to mangrove region.</li> </ul>  |

**Tuesday: 20 May 2014**  
**Field Trip to Anlo Beach Wetlands, Pra River Estuary**

| Time    | No. | Topic  | Key Points/Objectives  |
|---------|-----|--|--|
| All Day | 2.1 | <b>Field Trip to Anlo Beach Wetlands,</b> <ul style="list-style-type: none"> <li><i>IUCN, Friends of the Nation (FoN), Group Leads from Day 1, Greg</i></li> </ul> | <ul style="list-style-type: none"> <li>Informal field debriefing will be held in the field immediately following the field trip</li> <li>After this field trip, split into 4 thematic groups – 1) biodiversity/ecological, 2) socio-economic 3) economic, and 4) climate-change mitigation and adaptation – participants will to compile lessons learned, observations and implications from the field trip and should be able to: <ul style="list-style-type: none"> <li>Understand and describe the practical applications, challenges and the reality of implementation in the 4 thematic areas</li> <li>Respond to key questions on each theme (TBD)</li> </ul> </li> <li>Each group will report out on-site to plenary before leaving the field site</li> </ul> |

| Wednesday: 21 May 2014  |              |   |  |
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| Exploring the Box: Moving Forward on Mangroves of West Africa |              |   |  |
| Time  | No.          | Topic   | Key Points/Objectives  |
| 8:30  |              | Recap of Day 2 Field Trip and Overview of Day 3   | <ul style="list-style-type: none"> <li>Recap learnings and observations from previous day; overview of Day 3</li> </ul>  |
| 8:45 – 10:30  | 3.1          | <b>Country and regional group work from Day 1 continued – integrate information from field trip into presentations</b><br><br><b>Small Group Presentations: Country and Regional Presentations in Plenary</b> <ul style="list-style-type: none"> <li><i>Greg, Group reps</i></li> </ul> | <ul style="list-style-type: none"> <li>Re-form Country Groups/Regional Group. After this session, participants should be able to: <ul style="list-style-type: none"> <li>Describe and present the status of their national/regional mangrove programs and perspectives in country and region.</li> <li>Compare and contrast outcomes to identify common threads and where resources or opportunities may help to meet some of identified gaps</li> </ul> </li> </ul> |
| 10:30   | <b>BREAK</b> |   |  |
| 11:00 – 12:00   | 3.2          | <b>Case Studies Session: Regional and African Mangrove Networks: their role and potential in policy, practice, and research</b> <ul style="list-style-type: none"> <li><i>Selly Camara - Guinea</i></li> </ul>  | <ul style="list-style-type: none"> <li>After this session, participants should be able to: <ul style="list-style-type: none"> <li>Be aware of various mangrove networks that are currently operating</li> <li>Brainstorming small group activity to help identify challenges and areas of opportunity to build on or strengthen existing networks and/or create new linkages</li> </ul> </li> </ul>  |
|   |              | <b>a. Case Study: Developing - Mangrove Networks – The case of the African Mangrove Network</b> <ul style="list-style-type: none"> <li><i>Abdoulaye Diame</i></li> </ul>  | <ul style="list-style-type: none"> <li>After this presentation, participants should be able to: <ul style="list-style-type: none"> <li>Be knowledgeable of the African Mangrove Network, its role and potential in policy, practice, and research</li> </ul> </li> </ul>   |

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|               |              | <b>b. Case study: Western Indian Ocean Mangrove Network</b> <ul style="list-style-type: none"> <li><i>Mwita Mangora</i></li> </ul>  | <ul style="list-style-type: none"> <li>After this presentation, participants should be able to: <ul style="list-style-type: none"> <li>Be knowledgeable of the Western Indian Ocean Mangrove Network, its role and potential in policy, practice, and research, and how lessons learned might be applied in West Africa</li> </ul> </li> </ul>  |
|               |              | <b>c. Central Africa Women’s’ Mangrove Network</b> <ul style="list-style-type: none"> <li><i>Masso Rose Pelagie</i></li> </ul>  | <ul style="list-style-type: none"> <li>After this presentation, participants should be able to: <ul style="list-style-type: none"> <li>Understand the Central Africa Women’s’ Mangrove Network, its role and potential in policy, practice, and research, and how lessons learned might be applied in West Africa</li> </ul> </li> </ul>  |
| 12:00 – 12:30 | 3.3          | <b>a. Small Group Work on Opportunities and Challenges in Building and/or Strengthening Networks</b> <ul style="list-style-type: none"> <li><i>Greg, Group reps</i></li> </ul>  | <ul style="list-style-type: none"> <li>After this session, participants should be able to: <ul style="list-style-type: none"> <li>Identify challenges and areas of opportunity to build on or strengthen existing networks and/or create new linkages related to policy, practice and research</li> </ul> </li> <li>Broken out into “random” groups</li> </ul>  |
| 12:30 - 1:00  |              | <b>b. Report out of Small Group Work from Session 3.2b</b> <ul style="list-style-type: none"> <li><i>Group reps</i></li> </ul>  | <ul style="list-style-type: none"> <li>Report back to Plenary on opportunities for enhancing networking in mangrove systems knowledge and information</li> </ul>  |
| 1:00          | <b>LUNCH</b> |   |   |
| 2:00 – 3:30   | 3.4          | <b>Round-Robin Carousel Sessions (World Café):</b><br><b>Four Topics in rotation:</b> <p><b>a. Educational toolbox on Mangroves and Carbon (CIFOR)</b></p> <ul style="list-style-type: none"> <li><i>Denis Sonwa - CIFOR</i></li> </ul> <p><b>b. Effects of Human Activities on Mangroves (includes hydrology)</b></p> <ul style="list-style-type: none"> <li><i>Abdoulaye Diame (WAAME)</i></li> </ul> <p><b>c. Central Africa Mangrove Carbon Project</b></p> <ul style="list-style-type: none"> <li><i>Gordon Anjonina – Cameroon Wildlife Conservation Society</i></li> </ul> | <ul style="list-style-type: none"> <li>Short 5 minute overview of each of the 4 subject areas</li> <li>Participants then select their first choice topic and go to that table of most interest to them (If too many participants choose one particular table some will be requested to go to their second choice)</li> <li>Participants rotate around to four different roundtable presentations (1st stop half hour, second stop 15 minutes, 3<sup>rd</sup> and 4<sup>th</sup> stop 10 min. each)</li> </ul> |

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|             |              | <b>d. Mangrove Adaptation Experience</b> <ul style="list-style-type: none"> <li>Chris Gordon – University of Ghana-Legon</li> </ul>                             |   |
| 3:30        | <b>BREAK</b> |   |   |
| 4:00 – 5:30 | 3.5          | <b>Simultaneous sessions and mixed language groups on Policy, Practice and Research</b><br><br><b>Greg</b>  | <ul style="list-style-type: none"> <li>After these simultaneous sessions, participants divided into 3 groups: Policy, Practice and Research (arranged according to their main area of concern in their home setting) perhaps subdivided by language)</li> <li>Based on what has been seen/heard thus far in the workshop (and their own experience), each group will be responding to the following questions: <ul style="list-style-type: none"> <li>What are the specific gaps you see in your specific thematic area (Policy, Practice or Research)?</li> <li>How do you propose to address these gaps?</li> <li>What linkages can you propose to better link Policy to Practice to Research across technical expertise areas?</li> </ul> </li> </ul>  |
|             |              | <b>Report Back to Plenary – Policy, Practice and Research groups</b><br><b>Greg</b>   | <ul style="list-style-type: none"> <li>Each of the three groups (P, P, R) reports their results back to plenary, answering each of the three questions</li> </ul>   |
| 5:30        | 3.6          | <b>Preparation of <u>Country and Regional</u> Groups Presentations for Day 4</b><br><br>(Note: Participants may use evening time as needed to prepare as well.) | <ul style="list-style-type: none"> <li>Extracting from the results of the last Session 3.5, participants break up into the five country groups and one regional organizations group to prepare 5 – 10 minute presentation synthesizing the outcomes from session 3.5 as it relates to the country or regional grouping.</li> <li>The groups prepare a report at the national (or regional for the regional group) level on: <ul style="list-style-type: none"> <li>What are the current gaps that you are facing in each of these three areas (Policy, Practice and Research)?</li> <li>What opportunities can you identify for addressing these gaps in your country or the Region?</li> <li>What linkages proposed in Session 3.5 can you identify that will work in your particular situation to link policy to practice to research?</li> </ul> </li> </ul> |

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| <b>Thursday: 22 May 2014</b>   |            |              |                              |
| <b><i>Closing the Box – Country/Regional Presentations and the Way Forward</i></b> |            |              |                              |
| <b>Time</b>  | <b>No.</b> | <b>Topic</b> | <b>Key Points/Objectives</b> |

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| 8:30 –<br>8:45                                       | 4.1                        | <b>Recap of Day 3; Overview of Day 4</b>  | <ul style="list-style-type: none"> <li>• Quick summary review of Day 3; major impressions</li> <li>• Overview of Day 4</li> </ul>  |
| 8:45 –<br>11:00                                      | 4.2                        | <b>Finalize Small Group Work and Country and Regional Presentations</b><br><br><b>Greg and groups</b> | <ul style="list-style-type: none"> <li>• After this session participants will have: <ul style="list-style-type: none"> <li>• Finalized reports and present to plenary on the gaps and opportunities identified by on country and regional levels</li> <li>• Presented immediate action steps to strengthen linkages and partnerships among policy, practice and research</li> <li>• Compared and contrasted outcomes to identify common threads and where resources or opportunities may help to meet identified gaps</li> </ul> </li> </ul> |
| <b>BREAK To be taken during Session 4.2 in place</b> |                            |   |  |
| 11:00<br>12:00                                       | 4.3                        | <b>Way Forward, Evaluation and Closing</b><br><br><b>Nico, Stephen, Greg</b>                          | <ul style="list-style-type: none"> <li>• After this session participants will have: <ul style="list-style-type: none"> <li>• Identified key and common elements for a regional approach to sustainable mangrove management in a world of climatic change</li> </ul> </li> <li>• Participants provide general feedback on the workshop and fill out evaluations form</li> </ul>   |
| 12:00  | <b>LUNCH</b>               |   |  |
| 1:30   | <b>Departure for Accra</b> |   |  |