

Mission to Central Africa (Democratic Republic of the Congo and Gabon) 3-14 November 2008



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Bruce G. Marcot, USDA Forest Service Pacific Northwest Research Station, 620 S.W. Main St., Suite 400 Portland, Oregon 97205, 503-808-2010, <u>bmarcot@fs.fed.us</u>



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### Cover photos

Left: Women gathering local resources in the village of Monkoto, adjacent to Salonga National Park, central Democratic Republic of the Congo.Right: Diverse canopy of the swamp forests of central Congo River Basin. (Photos by Bruce G. Marcot)

# SUMMARY

The US Forest Service International Programs office is an implementing partner in the USAID Central African Regional Program for the Environment (CARPE) providing targeted technical and capacity building assistance aimed at improving forest management in the Congo Basin. The USFS is concentrating efforts on the land management planning processes of the CARPE partners and the host country governments for multiple-use forest management at a large landscape scale. These experiences have allowed the USFS to adapt large scale forest management planning techniques in the US into the creation of a series of land use planning (LUP) guides for CARPE. LUP Guides have been produced for landscapes, protected areas (PA) and community based natural resource management (CBNRM) zones, and a final guide on extractive resource zones (ERZ) will soon be written.

During 3-14 November 2008, Bruce Marcot traveled with Jim Beck, USDA Forest Service International Programs, to Democratic Republic of Congo and Gabon, to assist with holding two international workshops with the USAID/CARPE program. The workshops were held in Kinshasa, DRC (6-7 November) and Libreville, Gabon (12-13 November) and were collectively attended by managers and technicians from seven African countries. At the workshops, Beck and Marcot presented summaries of the US Forest Service planning guides for landscape, protected area, and community based natural resource management zones, that the FS team had previously written for CARPE. Beck and Marcot also provided guidance in break-out groups during the workshops to evaluate and critique both the planning guides and examples of land use plans selected from CARPE landscapes.

As per the Statement of Work for this mission (Appendix 1), this report provides (1) suggestions for improvement of the FS planning guides as derived from the workshop presentations, breakout group evaluations, and additional presentations and discussions, (2) a summary of discussions on best practices pertaining to development of LUPs and strategy documents, and (3) a summary of suggestions for potential, additional FS participation in the CARPE program. Also, Marcot had discussions with Omari Ilambu, Salonga National Park Advisor and Landscape Lead, WWF, Kinshasa, and with Bila-Isia Inogwabini ("Ino"), WWF Lac Tumba, regarding further possible participation with and assistance from FS Research on Salonga National Park and landscape and Lac Tumba landscape, respectively, as Marcot had traveled to both of these locations during his previous missions on this project (see Appendix 2 for Marcot's travel itinerary during this present mission).

# FINDINGS: WORKSHOP RESULTS

## **Presentations Made**

At the workshops on November 6 and 12, 2008, in Kinshasa (Democratic Republic of the Congo) and Libreville (Gabon), respectively, Marcot made presentations on the Protected Area Planning Guide of US Forest Service. (See Appendix 3 for overall workshop agendas and Appendix 4 for workshop participant lists.) The presentations included the following summarized details.

*Introduction* – The US Forest Service (FS) Guide to Protected Area Management Planning in Central Africa (hereafter, "PA Guide") provides practical guidance on development of management plans for protected areas (PAs) under CARPE, and minimum standards for management plans.

*Guide overview* – The PA Guide is structured with the following sections: Introduction; PA Planning Process; Components of the PA Plan; and Appendices describing the work planning strategy, process, and components, and workplan templates. The PA planning process describes the central purposes of a PA management plan: to bring together stakeholders; to manage lands for the benefit of current and future generations, and to ensure ecological sustainability; and to adopt plans to changing conditions using an adaptive management approach. The PA planning process also includes details on the planning steps to be taken, creating the planning team, describing the official status of the PA, describing stakeholder participation, and prioritizing planning actions.

*Guide components* – Components of the PA plan should include a description of the unique value and various characteristics of the PA, desired conditions for the PA, PA management objectives, and PA management guidelines. Marcot provided some examples of PA management guidelines, such as for hunting and fishing, infrastructure development, tourism, scientific research, and community rights and development. Components of the PA plan should also include a delineating of micro-zones, and some examples were provided such as areas for complete protection areas, hunting, subsistence fishing for local communities, and heritage or cultural areas. PA Guide components also should include an implementation schedule, monitoring guidelines, and specific workplans.

*A checklist* – Marcot then summarized the components of the PA Guide into a terse checklist which could be used for evaluating the content of existing or proposed PA management plans.

*Other considerations* – Other considerations in developing a PA management plan might include: use of existing IUCN PA categories as ideas on varying PA and micro-zone management objectives and guidelines; and consideration of how a PA could function in a geographic network of large-scale linkages among PAs, macro-zones, and entire landscapes.

# Discussions on USFS/CARPE Land Use Planning Guides

Marcot also served as a resource person during workshop break-out groups that met to evaluate example PA management plans from several of the CARPE central African countries. The group evaluation was intended to understand the content of the PA Guide, the content of the example PA management plans, and to compare the two to determine where the PA Guide and the PA management plans could be improved. Marcot led discussions to help further explain the intent and specific elements of the PA Guide. Other concurrent breakout-group discussions followed similar methods to evaluate the Landscape Guide and the CBNRM Guide, and to compare them with case examples of existing management plans. A fourth breakout group discussed potential elements of an Extractive Resource Zone Planning Guide, which has yet to be written by US Forest Service.

The break-out group discussions resulted in a list of recommendations of how the US Forest Service planning guides could be improved. This overall list is presented in Appendix 5, and potential priority elements from this list are described in Recommendations.

# Discussions on Sample Land Use Plans and Best Practices

The break-out groups reviewed example land use plans developed for specific landscapes and areas in Central Africa, and identified best practices for resource management as appearing in the plans. This report does not deal with these findings because the example land use plans were selected mainly to help train the workshop participants in the content of the FS planning guides and to help identify potential improvements for those guides. Results of discussions of the example land use plans, including recommendations for their improvement, were not gathered in a comprehensive manner as the objective was to critique given plans as a training exercise rather than to necessarily provide feedback to the authors of the given plans.

# Additional Discussions with World Wildlife Fund Participants

Results of discussions with Omari Ilambu and Bila-Isia Inogwavini of WWF, Kinshasa, are summarized in Appendix 6. The discussions served to highlight potential priority follow-up activities needed in two of the CARPE landscapes occurring in DRC: Salonga and Lac Tumba. Key points are also summarized in Recommendations.

# RECOMMENDATIONS

# Suggestions for Improving USFS/CARPE Land Use Planning Guides

**The following** priority suggestions for improving the FS planning guides draw from the workshop presentations, breakout groups, and discussions (Appendix 5). Such revisions could include the following considerations:

- Define key terms including desired condition, objectives, and guidelines, with explicit examples. Provide a figure showing the hierarchical structure of desired conditions → objectives → guidelines → management activities & work plans.
- In all planning guides, add to the "components" section a description of the planning process itself, including criteria, selection, and roles of the planning team, and other key steps in the planning process. That is, the existing "components" section does not include any description of the planning process itself, and this needs to be added.
- Clarify that each micro-zone plan under an overall area plan should each have a monitoring and evaluation section.
- Rename the "Monitoring" section "Monitoring and Evaluation," and describe the evaluation step in planning in terms of adaptive management, that is, how monitoring activities would be defined according to specific information needs, and how monitoring results would be incorporated into plan revision. Provide examples of indicators of performance and impact.
- The section on Stakeholders in the planning guides could address deliberation of planning alternatives, and methods of conflict resolution used.

# Additional edits to all of the planning guides should include adding the following sections to the components of a final management plan:

- executive summary
- institutional and management framework (international, national, and local), including any pertinent existing environmental regulations
- administrative structure
- description of the planning team (selection methods, roles, names, skills)
- description of stakeholders (selection methods, roles, names, representations)
- specific management guidelines for each macro- and micro-zone
- opportunities for management (existing and potential assets)
- potential and expected environmental impacts, measurements, and mitigations
- an annual operational plan
- outline of a business plan (in an appendix) including how income and revenues will be generated and allocated
- bibliography of references

In addition to the above edits and additions which pertain to all of the FS planning guides, the following suggestions pertain to each specific guide.

## Priority suggestions for improving the PA Guide:

- Specifically address effects from poor people living near PAs and who derive or depend on resources from the PA.
- Under PA description, include a brief summary of the overall role of the PA in the broader context of PA networks and corridors, consistent with such descriptions in the overall landscape plan, and implications for micro-zone delineation and management within the PA.

## Priority suggestions for improving the CBNRM Guide:

• Define and add reference to "ecosystem services" with an example, and how clarify how management guidelines in a CRNRM plan would help provide for such services.

## Priority suggestions for creating the ERZ Guide:

- Describe any pertinent regulatory decrees or agencies that would oversee and review extractive activities.
- Describe "best management practices" with some US examples, and clarify which specific management objectives would be met with each listed practice.
- Address, where pertinent, how sets of guidelines would differently address renewable vs. non-renewable resource extraction. Provide realistic expectations for long-term effects of each, such as on degree of sustainability of resource production (or impossibility of sustainability), provision of community revenues, and effects on forest biodiversity.

# Suggestions for Additional FS Participation in the CARPE Program

The following suggestions for additional FS participation in the CARPE program derive from discussions with workshop participants, USAID CARPE personnel, and WWF members (Appendix 6). These are generally suggestions for potential technical assistance needs and specific opportunities for the USFS with CARPE landscape partners related to development of strategy documents and land use plans. Marcot's suggestions for top priority actions are indicated with an asterist (\*).

\* The FS support team should draft an Extractive Resource Zone guide, entailing visits to several selected, key in-country sites. Use at least the above suggested priorities for developing this guide; also see Appendix 5 for additional considerations.

An FS support team could provide reviews of draft plans (landscape, CBNRM, PA, and ERZ) from afar (within the U.S.) or perhaps, for selected plans, in-country visiting selected sites with the appropriate local planning team. The FS reviews would provide suggested edits and improvements to ensure consistency with the planning guides. USAID (possibly David Yanggen) could first screen draft plans for FS review. The FS support team could be derived from the existing FS team that has been engaged to develop the planning guides, with additional participation from other FS experts such as in extractive resource planning as needed.

FS could provide additional guidance and expertise in the following areas, for use in the implementation phase of LUP in central Africa:

• Provide expertise in developing statistically and operationally sound methods of inventory of natural resources and land conditions. This can include specific field

methods of inventory of forest conditions, wildlife habitats and populations, local community resource use, etc. This can also include participation in rapid biodiversity surveys as needed in Salonga National Park and likely other areas (see Appendix 6 for a potential list of ecosystems within and adjacent to Salonga National Park for which biodiversity surveys are needed).

- Provide expertise in developing and implementing statistically sound monitoring and evaluation procedures, including development of sampling designs, field methods, and statistical analysis and interpretation of results.
- Continue and initiate new collaboration on development of wildlife-habitat relationships models and analyses for selected priority species such as bonobo, forest elephant, and buffalo.
- Provide training and guidance on law enforcement for forest guards.
- Provide training and guidance on development of ecotourism capacity for parks and other protected areas.
- Provide training and guidance on forestry operations and ecosystem management methods and concepts in extractive resource zones.

# **APPENDICES**

1. Scope of Work, US Forest Service International Programs, CARPE Land Use Planning Regional Workshops, November 2008

- 2. Travel Itinerary of Bruce Marcot
- 3. Workshop Agendas
- 4. Workshop Participant Lists
- 5. Suggestions for improving the US Forest Service planning guides.

6. Discussion points with Omari Ilambu and Bila-Isia Inogwavini, World Wildlife Fund, Kinshasa, Democratic Republic of the Congo, on potential activities for Salonga National Park and Landscape and Lac Tumba Landscape.

# Appendix 1. Scope of Work

US Forest Service International Programs, CARPE Land Use Planning Regional Workshops, November 2008



1.

## Scope of Work

**US Forest Service International Programs** 

CARPE Land Use Planning Regional Workshops November 2008



The US Forest Service International Programs office is an implementing partner in the USAID Central African Regional Program for the Environment (CARPE) providing targeted technical and capacity building assistance aimed at improving forest management in the Congo Basin. The USFS is concentrating efforts on the land management planning processes of the CARPE partners and the host country governments for multiple-use forest management at a large landscape scale. These experiences have allowed the USFS to adapt large scale forest management planning techniques in the US into the creation of a series of land use planning (LUP) guides for CARPE. LUP Guides have been produced for Landscapes, protected areas (PA) and community based natural resource management (CBNRM) zones, and a final guide on extractive resource zones (ERZ) will soon be written.

## 2. Regional Land Use Planning Workshops Overview

The USFS and USAID/CARPE is proposing two regional land use planning workshops, planned to be held in Kinshasa and Libreville, targeted at the CARPE landscape partners in which concepts of planning will be discussed, the previously mentioned guides will be reviewed, and concrete examples of land use plans (management plans and strategy documents) will be presented and discussed.

## **Expected Participants:**

- CARPE partners, namely Landscape leads and other landscape personnel working on planning documents (2-4 key individuals from each landscape).
- National land management ministry representatives from the host country (2-3 representatives expected)
- Regional environmental institutions representatives are expected to likewise attend (2-3 representatives expected).
- CARPE management (2-3 representatives expected).
- USFS Technical Assistance team (2-3 representatives expected).
- IUCN logistical coordination staff (2-3 representatives expected).

## **Objective:**

- To improve the awareness of CARPE landscape partners of the contents, way forward, and expectations related to the USFS/CARPE land use planning guides.
- To promote exchange of best practices and share lessons learned in the processes pertaining to the development of management plans and strategy documents, focusing on documents produced to date by CARPE partners and collaborators that can serve as positive examples.

### **Expected Outcomes:**

- CARPE landscape partners have a clearer understanding of: a) the tools available to them for land use planning; b) best practices concerning the development of strategy documents and management plans within CARPE; and c) expectations from CARPE management.
- USFS gathers feedback on how to improve the LUP guides including planning for related and upcoming technical assistance missions.

**Locations:** Kinshasa and Libreville are selected to facilitate participation for CARPE implementing partners, perhaps Landscapes 1-6 and 7-12, respectively.

**Timing:** USFS Technical Assistance mission will be undergone November 4-15, 2008. <u>November 6-7</u> and 12-13 is proposed for the Kinshasa and Libreville workshops, respectively. November 10 and 14<sup>th</sup> can be reserved for debriefing with CARPE management.

**USFS Team Composition:** This team will consist of 2-3 experienced planners who have been out on CARPE landscapes as a part of USFS TA missions and the USFS-IP regional manager.

### **Read ahead / background documents:**

The updated landscape planning guide, macro-zone planning guides, and strategy document template can be found under the "USFS Planning Guides" heading at:

<u>http://carpe.umd.edu/Plone/resources/carpemgmttools</u>. Example land use strategy documents and plans developed to date are also available on the CARPE website at: http://carpe.umd.edu/Plone/resources/landuseplanning\_examples/.

## Landscape Planning Guide:

The first version was disseminated in December 2006. In this updated version, based on your feedback we have added: a) a sub-section on the formation of a management team; b) greater detail and specificity concerning plan implementation; and c) a sub-section on ON-GOING public participation once the plan has been designed and is being implemented. INSERT SPECIFIC LINK

### Macro-zone Guides:

- Protected Area (PA) Planning Guide: The first version was disseminated in December 2006. No specific changes are proposed at this time and the original version can be found at: INSERT SPECIFIC LINK
- 2. Community Based Natural Resource Management (CBNRM) Planning Guide: Here is the first version of this guide: INSERT SPECIFIC LINK
- 3. Extractive Resources Zone (ERZ) Planning Guide: This guide has yet to be written. A scoping mission is under development.

### Strategy Document Template:

As per previous CARPE management instructions, Landscape partners are developing interim Strategy Documents (SD), at both the landscape and macro zone level. The SD is a planning tool for elaborating a management plan. INSERT SPECIFIC LINK

### **Activities:**

Pre-mission

- Recruitment, selection, and mobilization of a USFS technical assistance team.
- Review of read ahead materials and prepare draft presentations for the workshops.
- Coordinate travel logistics and other substantive technical workshop preparations via email communications and / or telephone calls.

### During the mission

- Facilitate the achievement of the workshop objectives through:
  - Presenting elements of the land use management guides,
  - Participating in breakout group discussions,
  - Otherwise bringing USFS technical experience in land use planning for multi-use landscapes to bear, and
  - Other roles to be determined.
- Debrief with CARPE management

### Post-mission

- Produce a trip report (see below).
- Periodic follow up communications.

### In country logistical support (Lead: IUCN CARPE Focal Points)

- Organize all workshop related logistics
- Arrange for in-country and regional transportation and necessary lodging reservations, including air ticket reservations if necessary
- Arrange for a translator to accompany the USFS team during the mission as necessary
- Interface with local authorities

### **Deliverables:**

The USFS team will produce a report detailing activities during the mission and all results (including issues, findings, and recommendations) of the work toward the accomplishment of those objectives listed above. This report in final form should be submitted no later than two weeks after completion of the mission. It will include but not be limited to:

- Description of best practices concerning the development of strategy documents and management plans within CARPE highlighting what works, what has not, why, and specific suggestions for improvement.
- Summary of key findings and recommendations for improving the next iterations of the landscape and macro-zone land use planning guides.
- Identification of technical assistance needs and specific opportunities for the USFS with the CARPE landscape partners related to the development of strategy documents and land use plans.

## Appendix 2. Travel Itinerary of Bruce Marcot

2008 Travel Itinerary for Bruce Marcot, USDA Forest Service, Pacific Northwest Research Station, Portland, Oregon

- Nov 3: Left Portland, Oregon
- Nov 4: Arrived Kinshasa, Democratic Republic of the Congo (DRC)
- Nov 5: At USAID Office, Kinshasa, workshop preparation with CARPE partners
- Nov 6-7: Workshop in Kinshasa, DRC
- Nov 8-9: Post-workshop summaries in Kinshasa
- Nov 10: Travel, Kinshasa DRC to Brazzaville, Republic of Congo via US Embassy boat; flight from Brazzaville to Libreville, Gabon
- Nov 11: Workshop preparation in Gabon
- Nov 12-13: Workshop in Libreville, Gabon;
- Nov 13: Evening: depart Gabon for U.S. (one day earlier than expected due to impending airline strike)
- Nov 14: Arrive Portland, Oregon

# Appendix 3. Workshop Agendas



# CARPE Landscape Land Use Planning Workshop / L'Atelier concernant la Planification et l'Aménagement des Paysages CARPE

L'ordre du jour - Kinshasa, RDC (Galerie CASSIOPEE)

# <u>Jeudi, 06 novembre (1<sup>er</sup> jour)</u>

Première session: 9h – 9h30

- Premiere session: 9n 9n30
- Mot de bienvenue et ouverture (Flynn)
- Introduction et aperçu des objectifs de l'atelier et des résultats attendus
  - USAID/CARPE (Yanggen)
  - Présentation du programme (Beck)

Deuxième Session: 9h30 – 10h20

- Présentation générale de l'USFS et les guides de planification et d'aménagement des Paysages et ses macro-zones (Jim Beck) 10 min
  - Guide de l'USFS pour la Planification et de l'Aménagement Intégré des Paysages en Afrique Centrale (Beck) 20 min
  - o Discussion en plénière (Modérateur Tchamou ; Prise du notes Yanggen) 20 min

### Pause café: 10h20 – 10h40

Troisième Session: 10h40 – 12h15

- Modèle de Document Stratégique pour la Planification des Paysages
  - Modèle de Document Stratégique pour la Planification des Paysages (David Yanggen) 10 min
  - Etude de cas Document Stratégique: Canevas pour la Planification de l'Utilisation des Terres (Omari Ilambu: Salonga-Lukenie-Sankuru)
     20 min
  - Discussion en plénière (Modérateur Beck ; Prise du notes Tchamou) 20 min
- Echanges techniques aux niveaux des macro-zones (Modérateur)
  - Les aires protégées
    - Guide de l'USFS pour la Planification de la Gestion des Aires Protégées en Afrique Centrale (Marcot) 20 min
    - Etude de cas Plan de Gestion des Aires Protégées: Plan d'Aménagement du Parc National De Conkouati-Douli (Bonassidi : Gamba-Conkouati) 20 min
    - Discussion en plénière (Modérateur Yanggen; Prise du notes Beck) 20 min

### Déjeuner: 12h30 – 13h30

### Quatrième Session: 13h30 – 15h20

- Echanges techniques aux niveaux des macro-zones (Modérateur)
  - Les zones de gestion des ressources naturelles à base communautaire
    - Guide de l'USFS pour la Planification des Zones de Gestion des Ressources Naturelles à Base Communautaire en Afrique Centrale (Beck)
       20 min
    - Etude de cas Plan de Gestion de GRNBC: UGADEC CBNRM (Melman: Maiko-Tayna-Kahuzi-Biega) 20 min
    - Discussion en plénière (Modérateur Tchamou ; Prise du notes Yanggen)
      20 min

- Les zones d'extractions
  - Mise à jour du développement du guide de l'USFS en zone d'extractions (Beck) 10 min
  - Etude de cas Plan de Gestion de zone d'extraction: Plan d'Aménagement de l'Unité Forestière d'Aménagement de Kabo (2005-2034) (Thomas: Sangha Tri National) 20 min
  - Discussion en plénière (Modérateur Yanggen; Prise du notes Tchamou) 20 min

### Pause café: 15h20 – 15h40

### Cinquième Session: 15h40 – 18h00

- Organisation des travaux en groupes (se diviser en quatre groupes) (Beck) 20 min
- Travaux en groupes: discussion sur les guides et plans 120 min
  - Groupe 1: Les aires protégées (personne ressource Marcot)
  - Groupe 2: Les aires protégées (personne ressource Yanggen)
  - Groupe 3: Les zones de GRNBC (personne ressource Tchamou)
  - Groupe 4: Les zones d'extractions (personne ressource Beck)

Aspects à développer en groupes (voir les instructions détaillées en annexe):

• Rappel de programme de 2eme jour (Beck)

### Vendredi, 07 novembre (2<sup>ème</sup> jour)

Première session: 9h – 10h30

- Synthèse de 1er jour et rappel de programme du 2eme jour (Beck)
- Restitution des travaux des groupes en plénière
  - Groupe 1: Les aires protégées (membre de groupe) et Discussion en plénière (Modérateur Yanggen ; Prise du notes - Beck)
     45 min
  - Groupe 2: Les aires protégées (membre de groupe) et Discussion en plénière (Modérateur Tchamou ; Prise du notes - Yanggen) 45 min

### Pause café: 10h30 – 10h45

Deuxième Session: 10h45 – 12h15

### • Restitution des travaux des groupes en plénière

- Groupe 3: Les zones de GRNBC (membre de groupe) et Discussion en plénière (Modérateur Beck ; Prise du notes - Tchamou)
   45 min
- Groupe 4: Les zones d'extractions (membre de groupe) et Discussion en plénière (Modérateur Yanggen ; Prise du notes - Tchamou) 45 min

Déjeuner: 12h15 – 13h30

### Troisième Session: 13h30 – 15h00

- Echanges techniques aux niveaux des thématiques spéciales
  - La gouvernance et la planification et l'aménagement des paysages contexte CARPE (Yanggen) et Discussion en plénière (Modérateur – Beck ; Prise du notes - Tchamou) 30 min
  - Le business planning et la planification et l'aménagement des paysages contexte CARPE Tayna Nature Reserve - Land Use Plan and Business Plan (Melman: Maiko-Tayna-Kahuzi-Biega) et Discussion en plénière (Modérateur – Tchamou; Prise du notes - Yanggen) 30 min
  - la Réduction des Emissions des gaz a effet de serre issus de la Déforestation et de la Dégradation de la forêt (REDD) – contexte CARPE (Flynn) et Discussion en plénière (Modérateur
    - Yanggen; Prise du notes Beck) 30 min

Pause café: 15h00 – 15h15

Quatrième Session: 15h15 – 17h00

- Bilan des travaux (Beck)
- Leçons apprises en vue de l'amélioration des Guides
- Appréciation de l'atelier (Modérateur Yanggen et Tchamou)
  Leçons apprises pour la rédaction des différents Plans
- Développement des plans de gestion dans le programme CARPE et leur contribution dans la conservation en Afrique centrale (Flynn)

Cocktail: 17h15



# CARPE Landscape Land Use Planning Workshop / L'Atelier concernant la Planification et l'Aménagement des Paysages CARPE

L'ordre du jour - Libreville, Gabon (Salle de Conférence des Studios M'Plaza)

Mercredi, 12 novembre (1<sup>er</sup> jour)

Première session: 9h – 9h30

- Mot de bienvenue et ouverture USA (Ambassadrice Reddick) et ANPN/MEF (à confirmer)
- Introduction et aperçu des objectifs de l'atelier et des résultats attendus (Yanggen)

### Pause (Photo de famille)

Deuxième Session: 9h30 – 11h00

- Présentation du programme (Tchamou) 10 min
- Présentation générale de l'USFS et les guides de planification et d'aménagement des Paysages et ses macro-zones (Beck)
   10 min
  - Guide de l'USFS pour la Planification de l'Aménagement Intégré des Paysages en Afrique Centrale (Beck) 20 min
  - o Modèle du Document Stratégique pour la Planification des Paysages
    - Modèle du Document Stratégique pour la Planification des Paysages (Yanggen) 10 min
    - Etude de cas Document Stratégique : Stratégie de planification Parc national de Mwagna (Aboumgone: Dja-Odzala-Minkebe Tri-National) 20 min
    - Discussion en plénière (Modérateur Tchamou ; Prise du notes Beck) 20 min

### Pause café: 11h00 – 11h10

Troisième Session: 11h10 – 12h30

- Echanges techniques aux niveaux des macro-zones (Modérateur Tchamou)
  - Les aires protégées
    - Guide de l'USFS pour la Planification de la Gestion des Aires Protégées en Afrique Centrale (Marcot) 20 min
    - 1ere Etude de cas Plan de Gestion des Aires Protégées : Plan de Gestion du Parc National de Loango 2007-2012 (Obame : Gamba-Conkouati-Douli) 20 min
    - 2eme Etude de cas Plan de Gestion des Aires Protégées : Plan de Gestion du Parc National de la Lope 2006-2010 (Abitsi: Lope-Chaillu-Louesse) 20 min
    - Discussion en plénière (Modérateur Tchamou ; Prise du notes Beck) 20 min

Déjeuner: 12h30 – 13h30

### Quatrième Session: 13h30 – 15h20

- Echanges techniques aux niveaux des macro-zones (Modérateur Tchamou)
  - Les zones de gestion des ressources naturelles à base communautaire
    - Guide de l'USFS pour la Planification des Zones de Gestion des Ressources Naturelles à Base Communautaire en Afrique Centrale (Beck) 20 min
    - Etude de cas Plan de Gestion de GRNBC Plan Simple de Gestion des Zones d'Interet Cynegetiques a Gestion Communautaire no. 2 et 9 COVAREF BOUMBA-NDJOMBI (Dja-Odzala-Minkebe Tri-National) 20 min
      - Discussion en plénière (Modérateur Tchamou ; Prise du notes Yanggen) 20 min
  - Les zones d'extractions
    - Mise à jour du développement du guide de l'USFS en zone d'extractions (Beck) 10 min
    - Etude de cas Plan de Gestion des zones d'extractions : Ngombe FMU Plan de Gestion de la Faune (Richard Malonga: Dja-Odzala-Minkebe Tri-National). 20 min
      - Discussion en plénière (Modérateur Tchamou ; Prise du notes Yanggen) 20 min

### Pause café: 15h20 – 15h40

Cinquième Session: 15h40 – 18h00

- Organisation des travaux en groupes (se diviser en quatre groupes) (Yanggen) 20 min
- Travaux en groupes: discussion sur les guides et plans 120 min
  - Groupe 1: Les aires protégées (personne ressource Marcot)
  - Groupe 2: Les aires protégées (personne ressource Yanggén)
  - Groupe 3: Les zones de GRNBC (personne ressource Tchamou)
  - Groupe 4: Les zones d'extractions (personne ressource Beck)

Aspects à développer en groupes (voir les instructions détaillées en annexe):

• Rappel de programme de 2eme jour (Tchamou)

### Jeudi, 13 novembre (2<sup>ème</sup> jour)

Première session: 9h - 10h40 (8h si nécessaire)

- Synthèse de 1ere jour et rappel de programme du 2eme jour (Tchamou) 10 min
- Restitution des travaux des groupes en plénière (Modérateur Tchamou ; Prise du notes Beck/Yanggen)
  - Groupe 1: Les aires protégées (membre de groupe) et Discussion en plénière 20+25 min
  - o Groupe 2: Les aires protégées (membre de groupe) et Discussion en plénière 20+25 min

## Pause café: 10h40 – 11h00

### Deuxième Session: 11h00 – 12h30

- Restitution des travaux des groupes en plénière (Modérateur Tchamou ; Prise du notes Beck/Yanggen)
  - o Groupe 3: Les zones de GRNBC (membre de groupe) et Discussion en plénière 20+25 min
  - o Groupe 4: Les zones d'extractions (membre de groupe) et Discussion en plénière 20+25 min

### Déjeuner: 12h30 – 13h30

Troisième Session: 13h30 – 15h00

- Echanges techniques aux niveaux des thématiques spéciales (Modérateur Tchamou ; Prise du notes Beck)
  - La gouvernance et la planification et l'aménagement des paysages contexte CARPE (Yanggen) et Discussion en plénière – 15+15 min
  - Le business planning et la planification et l'aménagement des paysages contexte CARPE (Carr) et Discussion en plénière – 15+15 min

 la Réduction des Emissions des gaz a effet de serre issus de la Déforestation et de la Dégradation de la forêt (REDD) – contexte CARPE (Tchamou) et Discussion en plénière – 15+15 min

### Pause café: 15h00 – 15h15

Quatrième Session: 15h15 – 17h00

- Bilan des travaux Leçons apprises en vue de l'amélioration des Guides (Beck)
- Appréciation de l'atelier Leçons apprises pour la rédaction des différents Plans (Modérateur Tchamou)
- Développement des plans de gestion dans le programme CARPE et leur contribution dans la conservation en Afrique centrale (Yanggen)

Cocktail: 17h15

# Appendix 4. Workshop Participant List

Du 06 au 07 Novembre 2008

| N° | NOMS ET PRENOMS      | TITRE ET INSTITUTIONS                             | ADRESSE (Tél, E-mail)                 |
|----|----------------------|---|---------------------------------------|
| 1  | TUNGUNI Jacques      | Coordonnateur national<br>COMIFAC                 | Tél : +243 (89 89 22 382              |
|    |                      |   | E-mail :jtunguni@yahoo.fr             |
| 2  | BONASSIDI Grégoire   | P National Conkoui<br>Douli/Congo Brazza          | Tél : +242 533 36 92                  |
|    |                      |   | E-mail :gregoire_bonas@yahoo.fr       |
| 3  | MABIALA Noé          | Projet BATEKE                                     | Tél : +242 55 77 435                  |
|    |                      | Congo -Brazza                                     | E-mail :n_mabiala@yahoo.fr            |
| 4  | TELFER Paul          | Directeur Programme WCS-<br>Congo                 | Tél :+242 52 24 562                   |
|    |                      |   | E-mail :ptelfer@yahoo.fr              |
| 5  | THOMAS Hannah        | Conseiller technique principal<br>du P N Nonobake | Tél :+242 700 11 44                   |
|    |                      | Ndoki/Congo Brazza                                | E-mail :hthomas@wcs.org               |
| 6  | TWAGIRASHYABA Felin  | Landascape leader Lac Télé-<br>Lac Tumba          | Tél :+242 54 86 208                   |
| _  |                      |   | Email :ftwagirashyaba@wcs.org         |
| 7  | OTTO Faustin         | WCS LT-LT   | Tél :+242 58 31 739                   |
| 8  | RAKOTONDRANSA Désiré | Projet WCS  | E-mail :faustinotto@yahoo.fr<br>Tél : |
| 0  | KARUTUNDRANSA Desile |   | E-mail :desire@lleoline.my            |
| 9  | RAKOTONDRANSHA       | Projet WCS  | Tél :                                 |
| 7  | Patricia             |   | E-mail :                              |
| 10 | Makambo Emola        | Chef de Projet PACT                               | Tél :+243 99 77 94 37                 |
| 10 |                      |   |                                       |
|    |                      |   | E-mail :emolahp@yahoo.com             |
| 11 | BROWN Ellen          | Directrice Projet Okapi wildlife reserve WCS, RDC | Tél :                                 |
|    |                      |   | E-mail :ellenincongo@gmail.com        |
| 12 | MWINYIHALI Robert    | WCS L.S Ituri                                     | Tél :+242 81 18 60 39                 |
|    |                      |   | E-mail : rmwinyihali@wcs.org          |
| 13 | INOGWABINI Bila Isia | WWF Lac Tumba                                     | Tél : +243 81 650 17 66               |
|    |                      |   | E-mail :binogwabini@wwfcarpo.org      |
| 14 | OMARI ILAMBU         | WWF landscape Salonga-<br>Lukenie-Sankuru         | Tél :+243 81 193 70 68                |
|    |                      |   | E-mail : oilambu@wwfcarpo.org         |
| 15 | BOTAMBA Flory        | Directeur adjoint AWF                             | Tél : +243 99 99 15 109               |

|    |                                |  | E-mail botambaflory@yahoo.com                            |
|----|--------------------------------|--|--|
| 16 | BWEBWE Florence                | GIS Officer  | Tél :+243 81 33 23 280                                   |
|    |                                |  | E-mail : missflore@yahoo.fr                              |
| 17 | MUSAMPA Christophe             | Chef de division SPIAF<br>Ministère de l'Environnement | Tél : +243 81 526 09 58                                  |
|    |                                |  | Email : christophemusampa@yahoo.fr                       |
| 18 | KATUMPWE Robert                | Ir Agronome  | Tél : + 243 810510270                                    |
|    |                                | Assistant technique du terrain                         | E-mail : robertkatumpwe2005@yahoo.fr                     |
| 19 | BUHENDWA Roy                   | CBNRN Officer/ Virunga 2                               | Tél : +243 818980953                                     |
|    | 5                              |  |  |
|    |                                |  | E-mail : <u>rbuhendwawwfpevi@yahoo.fr</u>                |
| 20 | KISUKI MATHE Benoit            | ADT/ ICCN  | Tél : + 243 998381436                                    |
|    |                                |  | E-mail : benoitkisuki@yahoo.fr                           |
| 21 | MUYAYA Bruno                   | RAPAC  | Tél : +243 995382565                                     |
|    |                                |  | E-mail : brmuyaya@yahoo.fr                               |
| 22 | BOYZIBU EKHASSA                | ICCN   | Tél : +243 81599665                                      |
|    |                                |  | E mail : althorse Quahaa fr                              |
| 23 | NKULU KALALA                   | ICCN/PNKL  | E-mail : <u>ekhassa@yahoo.fr</u><br>Tél : +243 995221368 |
| 25 |                                |  | 101. 1243 773221300                                      |
|    |                                |  | E-mail : <u>nkulukalala@yahoo.fr</u>                     |
| 24 | MULULWA KANTANYA               | ICCN/PNU-N   | Tél : 243995611616                                       |
|    |                                |  | E-mail : fmululwa@yahoo.fr                               |
| 25 | BODSON Thierry                 | Coordonnateur PEVI/WWF                                 | Tél : +243993123440                                      |
|    |                                |  | E-mail : <u>tbodsonwwfpevi@yahoo.fr</u>                  |
| 26 | METHOT Pierre                  | Directeur Afrique Centrale                             | Tél : 08 069 70 99                                       |
|    |                                | WRI  |  |
| 07 |                                |  | E-mail : <u>pmethot@wri.org</u>                          |
| 27 | Dr PETRUS NDONGALA<br>VIENGELE | Conseiller du MECNT                                    | Tél :+243 819812445                                      |
|    |                                |  | mail : <u>petrusviengele@yahoo.fr</u>                    |
| 28 | BELANGER Lyna                  | Coordonnateur WRI                                      | Tél :  |
|    |                                |  | E-mail : <u>lynabel2000@yahoo.fr</u>                     |
| 30 | TCHAMOU Nicodème               | CARPE-USAID  | Tél : +243 817007195                                     |
|    |                                |  |  |
| 21 |                                |  | E-mail : <u>ntchamou@usaid.gov</u>                       |
| 31 | YANGGEN David                  | CARPE-USAID  | Tél :  |
|    |                                |  | E-mail : <u>dyanggen@usaid.gov</u>                       |
| 32 | FLYNN John                     | CARPE-USAID  | Tél :  |
|    |                                |  | E-mail : <u>iflynn@usaid.gov</u>                         |
| L  | 1                              | L  |  |

| 33 | MELHMAN Patrick     | CI                     | Tél :                                   |
|----|---------------------|------------------------|---|
|    |                     |                        | E-mail : <u>ptmelhman@yahoo.com</u>     |
| 34 | OSODU OMBA Serge    | Coordonnateur National | Tél : +243 990683948 :                  |
|    |                     | CARPE-UICN             | E-mail : ombaosodu@yahoo.fr             |
| 35 | KANYEBA Carine      | CARPE-UICN             | Tél :+243 998290421                     |
|    |                     |                        |   |
|    |                     |                        | E-mail : <u>kanyeba.karine@yahoo.fr</u> |
| 36 | SWEDI Dorothée      | CARPE-UICN             | Tél :+243 999913746                     |
|    |                     |                        | E-mail : dorothee_swedi@yahoo.fr        |
| 37 | MARCOT Bruce        | USDA FOREST SERVICE    | Tél :                                   |
|    |                     |                        | E-mail: bmarcot@fs.fed.us               |
| 38 | KANDOLO Lady        | CARPE-UICN             | Tél : +243 815298523                    |
|    |                     |                        | E mail : ladickandala@uahaa fr          |
|    |                     |                        | E-mail : <u>ladiskandolo@yahoo.fr</u>   |
| 39 | BECK Jim            | CENTRAL AFRICA         | Tél :                                   |
|    |                     | PROGRAM SPECIALIST     |   |
|    |                     | USDA FOREST SERVICE    | E-mail: jpbeck@fs.fed.us                |
| 40 | BROCK Sophie        | CARPE-USAID            | Tél :                                   |
|    |                     |                        | E-mail : sbrock@usaid.gov               |
| 41 | TSHOMBE Richard     | WCS-RDC                | Tél :                                   |
|    |                     |                        | E-mail : rtshombe@wcs.org               |
| 42 | MTO Wells           |                        | E mail . Itshonbee westory              |
| 42 | KALAMBAYI Abel Léon | Secrétaire Général à   | Tél :                                   |
| 43 |                     | l'Environnement        |   |
|    |                     |                        | E-mail : abelleon_kalambayi@yahoo.fr    |

## Du 12 au 13 Novembre 2008

| N° | Noms et prénoms                  | Fonction / Organisation                 | Adresse-E-mail               |
|----|----------------------------------|---|------------------------------|
| 01 | SIONNEAU Jean-Michel             | Coord. Régional ECOFAC IV<br>Libreville | ecofac4crjmsionneau@yahoo.fr |
| 02 | NZOOH DONGMO Zacharie            | Conseiller Technique WWF<br>CCPO JSEFP  | ZNZOOH@wwfcarpo.org          |
| 03 | BOUANGA Estelle                  | WCS-GABON                               | bouangaestelle@yahoo.fr      |
| 04 | HEGA Martin F.                   | WCS-Gabon<br>Monts de Cristal           | hegafridolin@yahoo.fr        |
| 05 | MOUSSAVOU MAKANGA<br>Bède Lucius | WWF - MINKEBE TRIDOM                    | bede.lucius@hotmail.fr       |
| 06 | LOUEMBET Stéphane                | WWF Monte Alen<br>Monts de Cristal      | duramen02@yahoo.fr           |

| 07 | VIANO Marion                   | WWF - MINKEBE TRIDOM           | marion.viano@yahoo.fr                                |
|----|--------------------------------|--------------------------------|--|
| 08 | MARCOT Bruce                   | US Forest Service              | bmarcot@fs.fed.us                                    |
| 09 | YANGGEN David                  | CARPE / USAID                  | dyanggen@usaid.gov                                   |
| 10 | MABAZA Gustave                 | WWF - MINKEBE                  | mabazag@yahoo.fr                                     |
| 11 | MOUIDY Hugues Serge            | WRI-GABON                      | msergehugues@yahoo.fr                                |
| 12 | MOFOUMA Aurélien               | RAPAC                          | mofouma@gmail.com                                    |
| 13 | BANA Médiatrice                | IGP/AWF                        | mbana@igcp.co.rw<br>bmediatrice@gmail.com            |
| 14 | NSE-ESSENG Christine<br>Sandra | WCS-GABON                      | sandranseesseng@yahoo.fr                             |
| 15 | ABITSI Gaspard                 | WCS-GABON                      | gabitsi@wcs.org                                      |
| 16 | STARKEY Malcolm                | WCS-GABON                      | mstarkey@wcs.org                                     |
| 17 | ABOUMGONE Marleine             | WWF - MINKEBE                  | a_marleine@yahoo.fr                                  |
| 18 | DE WACHTER Pauwel              | WWF - MINKEBE                  | pdewachter@wwfcarpo.org                              |
| 19 | DJONI DJIMBI BOURGES           | MEF/CONGO                      | <u>ddbourges@yahoo.fr</u>                            |
| 20 | MALONGA Richard                | WCS-CONGO                      | rmalonga@wcs.org                                     |
| 21 | MADOMI José                    | Projet Dzanga Sangha (RCA)     | jmadomi@yahoo.fr                                     |
| 22 | MOUKOUMOU Narcisse             | WCS-GABON                      | mkmnarcys@yahoo.fr                                   |
| 23 | LEPEMANGOYE Franck             | WCS-GABON                      | lepemangoye@yahoo.fr                                 |
| 24 | MENGUE EKO Guy<br>Modeste      | WCS-GABON / Projet Ivindo      | mengueeko@yahoo.fr                                   |
| 25 | GALLNER Jean Claude            | ECOFAC IV – GABON              | jcl_gallner@yahoo.fr                                 |
| 26 | ALLOGO Constant                | Point Focal CARPE – UICN       | <u>ca.obame@iucn.org</u><br><u>allogoba@yahoo.fr</u> |
| 27 | NGUEMA Abigail                 | American Embassy LBV           | nguemaam@state.gov                                   |
| 28 | KERNAN Christophe              | CI - MA – MC                   | ckernan@conservation.org                             |
| 29 | TCHAMOU Nicodème               | Coordinateur Régional<br>CARPE | ntchamou@usaid.gov                                   |
| 30 | CARR DIRICH Brigitte           | WWF CARPO                      | carrbrigitte@hotmail.com<br>braudirich@wwfcarpe.org  |

| 31 | BECK Jim         | Coordinateur Régional USFS                    | jpbeck@fs.fed.us                     |
|----|------------------|---|--------------------------------------|
| 32 | HUIJBREGTS Bas   | WWF-Gamba, Gabon                              | Huijbregts_bas@hotmail.com           |
| 33 | AKAGA Armelle    | SYLVAFRICA-GABON                              | sylvafrica@aol.fr<br>domie3@yahoo.fr |
| 34 | SISSINGA Adeline | UICN - CARPE                                  | adelinesq@yahoo.fr                   |
| 35 | OBAME Jean Paul  | Chargé de la cellule<br>aménagement de l'ANPN | jpobame@hotmail.com                  |

# Appendix 5. Suggestions for improving the US Forest Service planning guides.

The following suggestions were summarized from breakout group discussions from the two regional workshops on land use management planning in CARPE landscapes, Kinshasa (Democratic Republic of the Congo) and Libreville (Gabon), November 2008.

<u>General considerations for all guides</u> (possibly especially the landscape guide):

Add an executive summary section.

Add a section on administrative structure.

Better explain the concepts of desired condition, objectives, and guidelines. Provide examples. E.g.:

Desired condition = ideal future situation, more like a vision statement. Possible examples: healthy elephant populations, human use of NTFPs at sustainable levels, ecosystems that retain most of their native species with exotic species eradicated.

Objectives = more specific situations that would, collectively, meet the desired condition. Possible examples: establish a viable ecotourism program; establish an effective weed eradication program; fund forest guards and increase their forces, etc.

Listing opportunities is a very important part of a plan; opportunities describe and help define realistically achievable objectives. Clarify and include this in the guides. Opportunities can include existing assets that could be used (*les acquis*) as well as potential assets that could be developed to meet specified needs (*besoin*).

Consider describing several kinds of related plans: overall management plan, under which could be a monitoring and evaluation plan and a work (implementation) plan (which would have a budget, annual activities, etc.; perhaps a five-year plan). Clarify how these various plans relate, which derives from which, etc.

For the micro-zone plans, consider their each also having a monitoring and evaluation section.

Explicitly describe the evaluation step, that is, how monitoring information would be analyzed or assessed.

Should any of the planning guides – landscape, PA, CBNRM, ERZ – discuss and provide guidelines for the creation, evaluation, and selection of planning alternatives per se? Perhaps at least mention this under the stakeholder involvement sections.

Provide citations of a few key, existing planning guides that may also be pertinent (e.g., IUCN's recently-completed protected area planning guide).

Include at least an outline of a business plan, as in an appendix. This would show the structure, sustainability of financing, and contributions by partners and investors.

Provide an annual operational plan.

Provide specific management guidelines for both levels of macro-zones and micro-zones, and for each specific topic (e.g., anti-poaching activities, environmental education, etc.).

Add a chapter pertaining to the institutional and management framework (international, national, and local).

Add a section on potential and expected environmental impacts, their measurements, and their ameliorations.

Discuss mechanisms of how income will be generated and revenues allocated between state and communities from ecotourism activities.

Provide a bibliography of references used for development of the management plan.

### Possible updates for the Protected Area (PA) Guide:

Include a classification of which parts of the planning process per se should be explained and included in the plan components. E.g., selection methods, roles, and names & skills of the planning team, and ditto for stakeholders.

Also include in the plan components section the process used by which desired conditions in the plan were identified, such as by some conflict resolution process with stakeholders.

Provide ideas or suggestions for holding stakeholder meetings, including briefly mentioning conflict resolution methods and citations of successful partnership-building methods and projects elsewhere.

Briefly discuss how to renew or revise a plan – including who, when, by what process, and which parts could be revised. Tie this into the monitoring and adaptive management section. Regarding plan revisions, one question that was raised was, can plans be updated frequently in minor ways, or only very intermittently (e.g., every 5-10 years) as from some major monitoring findings? Provide guidance on what it takes to update and revise a plan.

Consider effects from poor people living near PAs and who take resources from the PA.

Provide clearer guidance on considering the broad context of PAs, such as PA networks and corridors for wildlife among PAs. Although this should be part of the Landscape Plan, it needs to be addressed as well in individual PA Plans, as it can influence micro-zone planning of

transportation corridors, infrastructure development, protection areas, etc., within and at the boundaries of the PA.

Consider explaining possible objectives and methods for delineating PAs: complementarity, representativeness, uniqueness (e.g., endemism, centers of biodiversity), linkages, and redundancy. Provide brief examples of each.

Consider including a section in general describing possible sources of revenue and means of income.

Include an overall section on financing.

Include "evaluation" with the monitoring section, viz., "monitoring and evaluation." Describe or give examples of indicators of performance and impact. Also describe how local communities might participate in improving the plan by participating in monitoring and evaluation.

Provide a section calling for prioritization of needs and activities.

Provide a section on "means necessary for implementation" (*moyen requises pour la mise en œuvre*).

Considerations for an extractive resource management zone guide:

Consider any environmental regulations that would pertain – regional or national.

Consider any regulatory decrees or agencies that would provide oversight and review of extractive activities.

Consider the objectives and desired conditions of the larger landscape context, and how the ERZ macro-zone would meet or compromise meeting those.

Describe "best management practices" – cite US examples – but clearly define "best" for which objectives.

Is there a need to create a "strategy document" for ERZ? Or does the existing strategy document suffice?

Needed is a conflict resolution procedure between resource extraction companies and local people ... and/or describe how to use the "body politic" to resolve conflicts. (If so, describe how? Via what decrees or regulations?) Should the ERZ guide include ideas on conflict resolution procedures? In general, consider providing some guidelines on how to engage stakeholders in fruitful dialogs from the onset when establishing ERZ plans.

Consider different sets of guidelines, or different management objectives and expectations, for extraction of renewable vs *non*-renewable natural resources. E.g., an ERZ guide could suggest long-term non-declining *durable* development (extraction and production) of renewable natural resources such as timber, non-timber forest products, etc. For non-renewable NRs, however, such as minerals, quarries, etc., the resource itself is not *durable* but the ERZ guidelines could suggest that impacts on the surrounding environment, and on adjacent macro-zones, would be minimized so as to retain forest biodiversity, ecosystem services such as provision of clean groundwater, etc.

Perhaps explain with examples how resource extraction is planned and regulated in the U.S. An example could be the BLM petroleum reserve in northern Alaska, timber companies extracting wood from federal public lands in the Pacific Northwest or Southeast, and mining operations in Montana. Note that even if such extraction is done on private or corporation lands (not public lands), such operations must still adhere to a suite of federal and state laws and regulations including Endangered Species Act, Clean Air Act, Clean Water Act, state forest regeneration regulations, etc.

Perhaps note that resource extraction on public lands is usually handled very differently than on private lands. Also, resource extraction on different categories of public lands can vary. For instance, USFS explicitly has a multiple-use mandate, whereas BLM essentially does not. Regardless, private operations (timber extraction, creation and operation of concessions in national parks, etc.) must adhere to the public land use management planning guidelines.

Clarify the intended duration of the plan.

Clarify the level of administrative recognition of the plan as required by CARPE.

## Appendix 6. Discussion points with Omari llambu and Bila-Isia Inogwavini

World Wildlife Fund (WWF), Kinshasa, Democratic Republic of the Congo, on potential activities for Salonga National Park and Landscape and Lac Tumba Landscape.

On 8 November 2008, Bruce Marcot met with Omari Ilambu of WWF to discuss potential activities and information needs regarding Salonga National Park and Landscape, in DR Congo; and a brief discussion on 6 November 2008 with Bila-Isia Inogwabini of WWF Kinshasa, regarding the Lac Tumba landscape and potential new research activities there. This is a summary list of what was identified (not listed in any particular order of priority or need).

### Salonga National Park and Landscape

Conduct a RAP type rapid assessment survey of biodiversity within Salonga NP.

- > Include surveys of invertebrates, amphibians and reptiles, birds, and mammals.
- Survey at least terrestrial, perhaps also aquatic, environments.
- Could entice interest from Smithsonian Institution, National Geographic Society, The Discovery Channel, appropriate centers for conservation biology, etc.
- > Conduct such surveys in several major ecosystem types within the park, including:
  - o swamp forests of the South Block,
  - o different forest types in North Block,
  - o bais,
  - the higher elevation gallery forests of the southeast part of South Block, and
  - the Corridor separating the two blocks (particularly the eastern portion of the Corridor that contains greater density of older secondary and perhaps elements of some primary forest remaining).

Help further develop guidelines for the Corridor area separating the North and South Blocks of the Park; this Corridor is shown in the landscape strategy document as a CBNRM macro-zone. These guidelines could be very useful as a major example and template for other CBNRM macro-zones that abut PAs. There are major issues of providing resources for communities within the Corridor, who used to enter the Park to extract resources there.

Develop at least prototype wildlife-habitat relationships models and analyses, for selected wildlife species of high priority (viz., those most heavily poached or least viable, such as forest elephant).

Evaluate the utility of MIKE project data for developing such models and analyses (Omari Ilambu noted that he would send MIKE data to Bruce Marcot to evaluate this possible purpose.)

Develop and conduct field studies on key species of conservation concern:

- Forest elephants occurrence and density, correlation with habitat conditions, use of bais, where geographically found including use of traditional migratory and travel paths within the Park and within the Corridor. Such information could be most useful to redirect forest guard surveys and anti-poaching patrols.
- > Forest buffalo, in North Block; this species is also poached there.

Develop ecotourism capacity for the Park.

Provide training on forestry and forest ecosystem management methods and concepts.

### Wildlife-Habitat Modeling in Lac Tumba and Salonga Landscapes

FS Research could participate in development of specific wildlife species-habitat relationships models in the Lac Tumba landscape area, based on field data gathered by WWF under Bila-Isia Inogwabini, who expressed interest in this next possible collaborative step. The models would be used to better understand key habitat and environmental factors affecting wildlife distribution, including effects of human stressors; and could be used to help predict potential occurrence in areas not yet studied or surveyed for such species.

To the extent possible, similar models could be developed for the Salonga National Park area (as noted above), for those wildlife species for which surveys and sightings data are available and for which habitat cover information has been developed. Wildlife sightings data could include the extensive field notes that are taken by forest guards during their field rounds (USFS reviewed their procedures and inspected their field notes during a previous mission to Salonga National Park).