



HAL
open science

Creative participatory methodologies for protected areas management: Innovative approaches and challenges View E-poster

Pierre P. Bommel, Marta de Azevedo Irving, Jean-Pierre Briot

► To cite this version:

Pierre P. Bommel, Marta de Azevedo Irving, Jean-Pierre Briot. Creative participatory methodologies for protected areas management: Innovative approaches and challenges View E-poster. IUCN World Conservation Congress 2016, Sep 2016, Hawaii, United States. , 2016. hal-01359647

HAL Id: hal-01359647

<https://hal.sorbonne-universite.fr/hal-01359647v1>

Submitted on 2 Sep 2016

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Creative participatory methodologies for protected areas management: Innovative approaches and challenges

[View E-poster\(http://iucncongress.ipostersessions.com/?s=BA-F8-17-DD-14-20-40-7B-A3-B9-32-2E-B1-D6-F4-48\)](http://iucncongress.ipostersessions.com/?s=BA-F8-17-DD-14-20-40-7B-A3-B9-32-2E-B1-D6-F4-48)

This poster will present our experience about innovative participatory methodologies for protected areas management. Our research project named SimParc is based on a serious game (distributed role-playing game with advanced computer support) inspired by the negotiation and decision process taking place between stake holders and park manager in a management council of a Brazilian national park. We will summarize our project design and experience and exchange ideas and questions with the audience.

Full description

This poster represents a continuation of two successful Knowledge Cafés conducted at IUCN World Parks Congress in Barcelona in 2008 and in Jeju in 2012 and a Poster in Sydney 2014. Its objective is to present our experience and promote discussion and sharing of experiences concerning innovative methodological and pedagogical approaches for protected areas management. Participatory methodologies for protected areas management represent one of the main challenges related to social inclusion and benefit sharing concerning biodiversity conservation strategies. However, there is still limited experience and critical reflexion, in terms of possible tools and methodological development and evaluation. Taking into consideration the need to promote biodiversity protection with social commitment, the development of social technology and new approaches in protected areas participatory management can be considered as key issues related to the Biological Diversity Convention principles and goals and to the new agreed Sustainable Development Goals.

In this poster, the experience from an ongoing project, a serious game named SimParc (<http://www-desir.lip6.fr/~briot/simparc>) about participatory management of national parks in Brazil will be used as an example to share experiences and questions, to foster discussions and to strengthen networking with this objective.

The overall objective of this poster presentation is, with the different partners, to discuss "pilot projects" and solutions to evaluate their potential for future use in building capacity for human resources training and policy decision making. The key questions to be answered will be: What can be considered as innovation in pedagogical methodological approaches for protected areas participatory management? What are the needs and challenges to be faced? To what extent computer games can be used as a management tool? How to strengthen participatory management based on serious games and new social technologies?

We hope that thanks to the poster presentation and discussion, it will be possible to identify the main issues to be dealt with and to identify different partners for a future network concerning participatory methodological development and analysis for protected areas management. This event will be aligned with the need for engaging civil society and local empowerment in the discussion of public policies and for strengthening local action for biodiversity conservation.

conservation.

We plan to engage the World Commission of Protected Areas (WCPA/IUCN), different academic institutions, NGOs (such as CI, ISA, and others), representatives of public policies and of management committees of protected areas, national and local governmental agencies and international development agencies.

Partners

- Centre de Coopération Internationale en Recherche Agronomique pour le Développement (France)
 - Instituto Chico Mendes de Conservação da Biodiversidade (Brazil)
 - Instituto Conservation International do Brasil (Brazil)
 - Instituto de Pesquisas Ecológicas (Brazil)
 - Muséum National d'Histoire Naturelle (France)
 - World Commission on Protected Areas 2013-2016
- Université Pierre et Marie Curie (UPMC - Paris VI), France
Centre National de la Recherche Scientifique (CNRS), France
Universidade Federal do Rio de Janeiro (UFRJ), Brazil
Pontificia Católica Universidade do Rio de Janeiro (PUC-Rio), Brazil
Universidade de Fortaleza (UNIFOR), Brazil
Instituto Nacional de Ciência e Tecnologia em Políticas Públicas, Estratégias e Desenvolvimento (INCT-PPED/CNPq), Brazil
Universidade de Jujuy, Argentina

[Contact person by email](#)

All updates

[Pierre Bommel](#)

Speaker profile - 28 July 2016 - 6:36pm



Pierre Bommel is senior researcher at CIRAD (French Agricultural Research Center for International Development) since 2001. He is a member of the GREEN Research Unit, specialized in renewable resources and environment management. Pierre Bommel is a computer scientist, specialized in participatory methods and computer-based models and simulations for participatory management of renewable resources.

[Marta de Azevedo Irving](#)

Speaker profile - 15 April 2016 - 9:36pm



Marta de Azevedo Irving is Full Professor at the Federal University of Rio de Janeiro (UFRJ), in Brazil. She has a Doctorate in Science from the University of São Paulo (1991), in marine biology. She has a Master from the University of Southampton (UK) in 1983, in marine biology. She has an interdisciplinary training, with a degree in Biology from the Federal University of Rio de Janeiro.

University of Rio de Janeiro
(1978) and a degree in
Psychology from the State University of Rio de Janeiro (1981).

Jean-Pierre Briot

Speaker profile - 15 April 2016 - 8:53pm



Jean-Pierre Briot is a Directeur de recherche (Research Professor) in Centre National de la Recherche Scientifique (CNRS), France. He is conducting research at Laboratoire d'Informatique de Paris 6 (LIP6), the joint computer science research laboratory of Université Pierre et Marie Curie (Paris 6) and CNRS, in Paris, France, and also, as Permanent Visiting Professor, at Computer science Department (DI) of Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio), Brazil.

Session partners