SOCIO-ECOLOGICAL CONFLICTS IN FOREST MANAGEMENT :

RISKS OF (NOT) ADAPTING ?

IUFRO Unit 4.04.07 Conference

May 31 – June 2, 2022

Nancy, France

http://workshop.inrae.fr/iufro-risk-analysis-nancy

Organizers of the conference

- **Bureau for Economic Theory and Application (BETA) : http://www.beta-umr7522.fr/**

A joint research unit belonging to CNRS, University of Strasbourg, University of Lorraine, INRAE and AgroParisTech, the BETA lab is located on 5 different premises: Strasbourg and Nancy, and also Metz, Colmar and Mulhouse. The research conducted in BETA has always been guided by the will to coordinate the theoretical aspects of research and their applications in economics and management. Historically, the lab was built around research areas rooted in the microeconomic and macroeconomic theories, and it has a long tradition in the history of economic thought. Subjects have expanded, especially around forest economy, since the integration of the Laboratory of Forest Economics to the BETA lab in January 2018. As a consequence, a research group dedicated to forest economy emerges and an observatory for the forest economy too. The BETA team consists of more than 200 members, including a hundred lecturers-researchers and researchers, around 50 PhD students, and roughly 20 engineers and support staff.

- **IUFRO Unit 4.04.07 Risk analysis :** **https://www.iufro.org/science/divisions/division-4/40000/40400/40407/**

The Risk Analysis working party will bring together individuals with diverse research interests in forestry in order to share techniques of risk analysis. As a working party that will focus less on a specific biological issue, and more on a widely applicable methodology, it will foster unique cross-disciplinary co-operation as it contributes to the IUFRO mission of "[disseminating] knowledge to stakeholders and decision makers and [contributing] to forest policy and on-the-ground forest management".

Conference objectives and methodology

This international conference will focus on the potential conflicts emanating from the divergences in terms of expectations towards the forest, from various actors. In particular, society's expectations can sometimes be in conflict with forest expectations in terms of ecology or economy. Thus, public access to a forest can be facilitated (construction of access roads, recreational areas, etc.) to the detriment of the preservation of biodiversity. However, expectations can also converge. Thus, society is more and

more inclined to use wood material and this is in line with the economic expectations that weigh on the forestry sector. The interests can thus be convergent or divergent between the various actors of the society, and that is why to approach this topic within the conference seems to us interesting. The risks associated with conflict situations can generate inertia and "non-action", which is undesirable in a context of climate change. Indeed, forests have a role to play in terms of mitigation and for this they must adapt. These conflicts could then generate "non-adaptation" or "bad adaptation", which would be harmful. This multi-disciplinary theme should lead to interesting and varied presentations.

The conference has the following specific objectives :
- Modelling of natural hazards characteristics, frequency and intensity
- Disturbances of biotic and abiotic agents in forests
- Presenting approaches and tools to deal with risk and uncertainty in forest
- Identifying potential obstacles and levers to forest adaptation
- Dealing with behavioral components of decision making process
- Trade offs (or not) between adaptation and other objectives such as mitigation
- Acceptability of adaptation by the society at large
- Economic efficiency of adaptation measures

The agenda includes sessions with keynote speakers as well as presentations from other researchers. The conference starts in Nancy 31th of May (full day conference), followed by another full day of conference on June 1st and ends the 2nd of June by a field trip.

Keynote speaker

- Prof. Dr. José G. Borges (Forest Research Centre, School of Agriculture, University of Lisbon): https://scholar.google.com/citations?user=v5ZUmqkAAAAJ&hl=fr

Organizing team

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Scientific committee

- Marielle Brunette (BETA, Nancy, France)
- Rasoul Yousefpour (University of Freiburg, Germany)
- Jan Kaspar (Czech University of Life Sciences Prague, Czeck Republic)
- Teodora Minkova (Washington State Department of Natural Resources, USA)

Call for abstracts

We welcome abstracts for oral presentations that are related to the topic of this conference. The abstracts will be used to group presentations into sessions of similar content and they will also be collated into the program book for distribution at the meeting. We would like to receive extended abstracts with an upper limit of 400 words (not including title, authors and author affiliations and keywords), and the abstract can also include a figure and citations (please use font type Times New Roman, font size 12 and line spacing 1.5). The program booklet does not constitute a publication and therefore will not prevent future submission and publication of work that it is outlined in the abstract.

Please include the following information in the abstract :
1. Underline the name of the presenting author, and provide contact email address.

2. Provide address details for all authors.
3. Please prepare the abstract using Microsoft Word.
4. Please submit it named as "LASTNAME_RiskAnalysis_abstract.doc"

The abstract submission deadline is February 25, 2022. All abstracts will be reviewed by the scientific committee. Authors will be informed of the review results by April 1st, 2022.

Annals of Forest Science will publish a special issue that includes papers submitted by researchers participating in the conference (after a peer review process).

Registration and fee

The seminar fee will be 150 euros. The registration fee will cover lunches, coffee breaks, gala dinner and the field trip.

The gala dinner will take place at Café Foy, Stanislas place : https://www.grandcafefoy.com/ on May, 31th evening.

In terms of registration, be aware that the total audience is limited. If you are interested in participating and you want to receive an email when the registration system is ready please contact marielle.brunette@inrae.fr.

Venue to the conference : AgroParisTech, 14 rue Girardet, 54042 Nancy, France.

The organizers reserve the right to modify the format of the conference from in-person to virtual if sanitary conditions do not allow face-to-face. In this case no refund will be made. The organizers thank you for your understanding.