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Chair: Knut Bjørn Stokke, Dominik Siegrist  
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Knut Bjørn Stokke  
Participatory management to engage society with the planning of protected areas: a mountain bike trail planning  
Teresa Cristina Magro-Lindenkamp, Carolina Bartoletti  
Community entrepreneurship and collective orientation at the intersection of place-making and nature-based tourism  
Thomas Haraldseid  
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Morten Clemetsen, Jorunn Barane  
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Hanne Lykkjå, Ann Heidi Hansen  
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Chair: Laurent Guennoc, Liisa Kajala  
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Fanny Roux  
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Liisa Kajala, Joel Erkkonen  
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Estela Inés Farias-Torbidoni, Serni Morera et al.  
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Ondrej Vitek  
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Mateusz Rogowski  
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Reconciling outdoor sport, biodiversity and wood production in a peri-urban forest – using the example of Fontainebleau Forest  
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Hogne Øian, Peter Fredman et al. |
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| 16:15-18:30  | **NEW METHODS FOR MONITORING AND MANAGEMENT OF VISITORS IN RECREATIONAL** | **Parallel sessions II – Wednesday, August 29th, 16:15-18:30** | **NEW METHODS FOR MONITORING AND MANAGEMENT OF VISITORS IN RECREATIONAL AND PROTECTED AREAS: LESSONS LEARNED, BENEFITS AND CONCERNS 2**<br>Chair: Catherine Pickering, Reto Rupf

  - Monitoring methods of winter backcountry recreation in a wildlife sanctuary<br>Reto Rupf, Adrian Stäuble

  - The impact of hiking on visitors’ consumer behavior on the French shores<br>Orsolya Czelgledi, Noemi Garcia-Arjona et al.

  - Looking back at recreational activities in protected areas using VGI from web-share services<br>Ricardo Nogueira Mendes, Carlos Pereira da Silva

  - Using volunteered geographic information to assess the visitor use of parks<br>Patrick Norman, Catherine Pickering

  - Multicriteria analysis a proposal of revitalization of the ancestral trails of the Serra da Estrela Natural Park (PNSE)<br>Sofia Bizarro, Ricardo M. Nogueira Mendes et al.

  - A decade worth of progress in the participatory monitoring and management of visitors in recreational and protected areas<br>Isabelle D. Wolf, Ricardo Nogueira Mendes

  - Tranquility mapping for soundscape management: From concept to reality<br>Jeff Dalley

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| 18:30-20:45  | **REGIONAL PARKS AND TERRITORIAL ORGANIZATIONS FOR SUSTAINABLE DEVELOPMENT** | **Parallel sessions II – Wednesday, August 29th, 16:15-18:30** | **REGIONAL PARKS AND TERRITORIAL ORGANIZATIONS FOR SUSTAINABLE DEVELOPMENT**<br>Chair: Jean-Bernard Marsat, Kristin Godtman Kling

  - Carrying out both management of visitors and socio-economic development in a labelled protected area: the role of a Regional Nature Park (RNP)<br>Jean-Bernard Marsat, Christine Montoloy

  - Issues on Footpaths Linking Attractive Public Open Spaces in Hokkaido: from the Perspective of Recreational Use of the Countryside<br>Hiroshi Ota, Satoshi Kasama et al.

  - Approval of Black Forest National Park by local companies<br>Dominik Rueede

  - Negotiating co-existence in multifunctional landscapes: trails as facilitators for communication<br>Kristin Godtman Kling, Sandra Wall-Reinius

  - Socio-environmental conflicts in the Cerrado Protected Areas of Chapada dos Veadeiros: a discursive treatment of tourism and development in Brazil<br>Nayara Rodrigues Marques, André de Almeida Cunha et al.

  - From canyoning to agritourism and cultural tourism. The diversification in lower or mid-altitude ski resort, French Alps<br>André Suchet

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| 20:45-22:55  | **WHY COUNT? BEST PRACTICES IN THE FIELD OF DATA COLLECTION TO PRESERVE AND MANAGE NATURAL AREAS 2** | **Parallel sessions II – Wednesday, August 29th, 16:15-18:30** | **WHY COUNT? BEST PRACTICES IN THE FIELD OF DATA COLLECTION TO PRESERVE AND MANAGE NATURAL AREAS 2**<br>Chair: Laurent Guennoc, Martin Gooszen

  - Visitor counting combining new technologies; PIR & LoRa with Arduino<br>Martin Gooszen, Lars Uphus

  - Complex surveys for monitoring climbers in Mt. Fuji, Japan<br>Yutaka Nakajima, Natsumi Izu

  - Predicting visitor densities in protected areas – rules of thumb for managers based on GPS-tracks<br>Roger Pouwels, Michiel van Eupen et al.

  - Monitoring of illegal human activities in the Tatra National Park, Poland<br>Sitarz Magdalena, Bukowski Marcin et al.

  - Monitoring Visitor Numbers with Computer Vision<br>Jerem Staab, Hannes Taubenböck et al.

  - Challenges and opportunities using webcams and time lapse cameras to evaluate use of parklands and open space<br>J. Aaron Hipp, Ladan Ghahramani et al.

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  - Collaborative management methods for outdoor sports in the Vanoise National Park<br>Clémence Perrin-Malterre

  - Snowmobiling and free riding in the Jämtland mountains, Sweden<br>Rosemarie Ankre

  - In-depth knowledge of visitors: a key element to awareness raising in the context of environmental controversy in protected areas.<br>Grue Léna, Perrin-Malterre Clémence

  - Riding horses in protected areas – heritage and/or harm?<br>Guðrún Helgadóttir, Ingibjörg Sigurdardóttir

  - Nature sports and environmental impacts: what do participants think?<br>Thierry Michot, Julien Fuchs

  - New Directions in Sustainable Recreation Research: Results of a U.S. National Assessment and Multi-stakeholder Workshop<br>Steve Selin, Anna B. Miller et al.
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Berit C. Kaas, Anton S. Olafsson  
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Jessica Faustini Aquino, Georgette Leah Burns et al.  
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Georgette Leah Burns, Laufey Haraldsdóttir  
Tourism as a Tool for Nature Conservation?  
Auður H Ingólfsdóttir, Gudrún Póra Gunnarsdóttir,  
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Gunnthora Olafsdottir  
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<td>A framework for integrating values into persuasive communication: Value orientations, elaboration, and the theory of planned behavior</td>
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<td>Understanding the value of opportunities for tourist support in managing non-native invasive species Kota Mameno, Yasushi Shoji et al.</td>
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Informed visitor management in protected areas – lessons learned from Croatian experiences
Hrvoje Carić, researcher, Marko Jakelić et al.

Preliminary results on evaluating and modelling impacts of recreational trails in the Azorean native forests
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Efthimiou Georgias, Roussou Maria

Has cruise tourism pushed marine ecosystems to the ‘tipping-point’ of their physical-ecological carrying capacity? – Perceptions of stakeholders.
Myrna Ellis

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