

Parallel sessions I – Wednesday, August 29th, 13:00-15:15

NEW METHODS FOR MONITORING AND MANAGEMENT OF VISITORS IN RECREATIONAL AND PROTECTED AREAS: LESSONS LEARNED, BENEFITS AND CONCERNS 1
Chair: *Ricardo Nogueira Mendes, Miisa Pietelä*

Using Flickr images to assess how visitors value and use natural areas: lessons from a popular natural area on the Gold Coast, Australia
Catherine Pickering, Montannia Chabau-Gibson et al.

A management perspective on using Public Participation GIS to monitor visitors
Miisa Pietilä, Nora Fagerholm

How can we use social media to know more about visitors to natural areas?
Vanessa Teles da Mota, Catherine Pickering

Monitoring Walkers and Hikers of Madeira Island through web-share services
Beatriz Franco Roque, Ricardo Nogueira Mendes et al.

VGI crowdsourcing of recreational use patterns and experiential place values for national park planning in Denmark
Anton Stahl Olafsson, Berit C. Kaae et al.

Assessing visitor spatial behaviour in mountain protected areas with crowdsourced photos: Examples from Argentina and Australia
Sebastian Dario Rossi, Agustina Barros et al.

PARTICIPATORY PLANNING FOR NATURE-BASED TOURISM AND PLACE-MAKING
Chair: *Knut Bjørn Stokke, Dominik Siegrist*

Visitor management for nature-based tourism and community development: Participation across protected area borders
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

Storytelling as an intermediary between local communities and visitors in nature-based tourism
Morten Clemetsen, Jorunn Barane

Linking Nature and Culture in World Heritage management. Lessons learned in Norway
Hanne Lykkja, Ann Heidi Hansen

Whatsalp – A hiking study on protected area tourism across the Alps
Dominik Siegrist

WHY COUNT? BEST PRACTICES IN THE FIELD OF DATA COLLECTION TO PRESERVE AND MANAGE NATURAL AREAS 1
Chair: *Eco-counter, Liisa Kajala*

Global attendance study in the Estérel Massif to preserve and manage a protected area
Fanny Roux

Why count visitors? Twenty years of experiences on visitor monitoring in Finland's protected areas
Liisa Kajala, Joel Erkkonen

Monitoring recreational use in protected natural areas. Alt Pirineu Natural Park 2011-2017. Spain
Estela Inés Farias-Torbidoni, Serni Morera et al.

"Master of Data" shows some jewels from his visitor monitoring drawer (interesting results from visitor monitoring in Czechia)
Ondrej Vitek

Monitoring System of Tourist Traffic (MSTT) in Stołowe Mts. National Park in SW Poland
Mateusz Rogowski

An assessment of interrater reliability from the System for Observing Play and Recreation in Communities (SOPARC) in urban parks in New York City
Myron F. Floyd, J. Aaron Hipp, et al.

RECREATION ECOLOGY AND SUSTAINABILITY
Chair: *André Cunha, Teresa Cristina Magro-Lindenkamp*

Understanding the Distance Between Humans and Brown Bears That Tourists Consider Appropriate: A Case Study at Shiretoko National Park, Japan
Mizue Akashi, Yasushi Shoji et al.

Spatial segmentation of hikers and wild reindeer (*Rangifer tarandus tarandus*) at Hardangervidda National Park: Management implications
Sofie Selvaag, Vegard Gundersen et al.

Bear tourism in South Kamchatka Sanctuary (Russia): visitors and wildlife monitoring and management
Anna V. Zavadskaya, Sergey A. Kolchin et al.

Recreation Ecology in Brazil: a preliminary review.
André de Almeida Cunha, Teresa Cristina Magro-Lindenkamp et al.

Reconciling outdoor sport, biodiversity and wood production in a peri-urban forest – using the example of Fontainebleau Forest
Hay Gaétane

Visitor influx and sustainable tourism development - paradoxes and dilemmas in the Nordic countries
Hogne Øian, Peter Fredman et al.

Parallel sessions II – Wednesday, August 29th, 16:15-18:30

<p>NEW METHODS FOR MONITORING AND MANAGEMENT OF VISITORS IN RECREATIONAL AND PROTECTED AREAS: LESSONS LEARNED, BENEFITS AND CONCERNS 2 Chair: <i>Catherine Pickering, Reto Rupf</i></p> <p>Monitoring methods of winter backcountry recreation in a wildlife sanctuary <i>Reto Rupf, Adrian Stäuble</i></p> <p>The impact of hiking on visitors' consumer behavior on the French shores <i>Orsolya Czelgledi, Noemi Garcia-Arjona et al.</i></p> <p>Looking back at recreational activities in protected areas using VGI from web-share services <i>Ricardo Nogueira Mendes, Carlos Pereira da Silva</i></p> <p>Using volunteered geographic information to assess the visitor use of parks <i>Patrick Norman, Catherine Pickering</i></p> <p>Multicriteria analysis a proposal of revitalization of the ancestral trails of the Serra da Estrela Natural Park (PNSE) <i>Sofia Bizarro, Ricardo M. Nogueira Mendes et al.</i></p> <p>A decade worth of progress in the participatory monitoring and management of visitors in recreational and protected areas <i>Isabelle D. Wolf, Ricardo Nogueira Mendes</i></p>	<p>REGIONAL PARKS AND TERRITORIAL ORGANIZATIONS FOR SUSTAINABLE DEVELOPMENT Chair: <i>Jean-Bernard Marsat, Kristin Godtman Kling</i></p> <p>Carrying out both management of visitors and socio-economic development in a labelled protected area: the role of a Regional Nature Park (RNP) <i>Jean-Bernard Marsat, Christine Montoloy</i></p> <p>Issues on Footpaths Linking Attractive Public Open Spaces in Hokkaido: from the Perspective of Recreational Use of the Countryside <i>Hiroshi OTA, Satoshi KASAMA et al.</i></p> <p>Approval of Black Forest National Park by local companies <i>Dominik Rueede</i></p> <p>Negotiating co-existence in multifunctional landscapes: trails as facilitators for communication <i>Kristin Godtman Kling, Sandra Wall-Reinius</i></p> <p>Socio-environmental conflicts in the Cerrado Protected Areas of Chapada dos Veadeiros: a discursive treatment of tourism and development in Brazil <i>Nayara Rodrigues Marques, André de Almeida Cunha et al.</i></p> <p>From canyoning to agritourism and cultural tourism. The diversification in lower or mid-altitude ski resort, French Alps <i>André Suchet</i></p>	<p>WHY COUNT? BEST PRACTICES IN THE FIELD OF DATA COLLECTION TO PRESERVE AND MANAGE NATURAL AREAS 2 Chair: <i>Eco-counter, Martin Goossen</i></p> <p>Visitor counting combining new technologies; PIR & LoRa with Arduino <i>Martin Goossen, Lars Uphus</i></p> <p>Complex surveys for monitoring climbers in Mt.Fuji, Japan <i>Yutaka Nakajima, Natsumi Izu</i></p> <p>Predicting visitor densities in protected areas – rules of thumb for managers based on GPS-tracks <i>Rogier Pouwels, Michiel van Eupen et al.</i></p> <p>Monitoring of illegal human activities in the Tatra National Park, Poland <i>Sitarz Magdalena, Bukowski Marcin et al.</i></p> <p>Monitoring Visitor Numbers with Computer Vision <i>Jeroen Staab, Hannes Taubenböck et al.</i></p> <p>Challenges and opportunities using webcams and time lapse cameras to evaluate use of parklands and open space <i>J. Aaron Hipp, Ladan Ghahramani et al.</i></p>	<p>OUTDOOR SPORTS AND ENVIRONMENTAL CONTROVERSIES Chair: <i>Clémence Perrin-Malterre, Guðrún Helgadóttir</i></p> <p>Collaborative management methods for outdoor sports in the Vanoise National Park <i>Clémence Perrin-Malterre</i></p> <p>Snowmobiling and free riding in the Jämtland mountains, Sweden <i>Rosemarie Ankre</i></p> <p>In-depth knowledge of visitors: a key element to awareness raising in the context of environmental controversy in protected areas. <i>Gruas Léna, Perrin-Malterre Clémence</i></p> <p>Riding horses in protected areas – heritage and/or harm? <i>Guðrún Helgadóttir, Ingibjörg Sigurðardóttir</i></p> <p>Nature sports and environmental impacts: what do participants think? <i>Thierry Michot, Julien Fuchs</i></p> <p>New Directions in Sustainable Recreation Research: Results of a U.S. National Assessment and Multi-stakeholder Workshop <i>Anna B. Miller, Lee Cervený et al.</i></p>
--	--	---	---

Parallel session III – Thursday, August 30th, 8:30-10:45

<p>MARINE PROTECTED AREAS – NEW REQUIREMENTS FOR VISITOR MONITORING AND MANAGEMENT? Chair: <i>Ingrid Peuziat, Richard Stones</i></p> <p>Limited awareness by recreation users' of French marine protected area: is there a flip side to the soft management approach? <i>Alix Cosquer, Michael Hughes et al.</i></p> <p>Visitation 'Barometer' as a tool for environmental management and awareness: the Berlengas Nature Reserve case-study <i>Alexandra Gil, Catarina Fonseca et al.</i></p> <p>Profiles of water-oriented outdoor recreation groups in Denmark <i>Berit C. Kaae, Anton S. Olafsson</i></p> <p>UK National Marine Parks: Managing Tourism and Recreation Through A Paradigm Shift of Corporate Social Responsibility (CSR). <i>Richard Stones</i></p> <p>Nautical tourism ecological footprinting (NatEF) – experiences from east Adriatic in developing assessments <i>Hrvoje Carić, Dario Omanović</i></p> <p>The participation of tourism and outdoor recreation interests in coastal national park management in Norway – a lack of integration? <i>Jan Vidar Haukeland Knut Bjørn Stokke</i></p>	<p>MANAGING VISITORS IN ICELAND'S RECREATIONAL AREAS Chair: <i>Georgette Leah Burns, Guðrún Þóra Gunnarsdóttir</i></p> <p>Seal Watching in Iceland: Ethical Management Development <i>Jessica Faustini Aquino, Georgette Leah Burns et al.</i></p> <p>Hydropower and Tourism: Visitor and Operator perspectives on preferred use of natural areas <i>Georgette Leah Burns, Laufey Haraldsdóttir</i></p> <p>Tourism as a Tool for Nature Conservation? <i>Auður H Ingólfssdóttir, Guðrún Þóra Gunnarsdóttir,</i></p> <p>How the „essence of the attraction“ provides an important foundation for decisions on sustainable development of nature-based tourism destinations <i>Gunnthora Olafsdottir</i></p> <p>Image analysis to assess hiking impact in Icelandic vegetation communities <i>Micael Runnström, Rannveig Olafsdottir</i></p> <p>Expanding carrying capacity assessment from the site-level to the national-level: An Icelandic Case Study <i>Nathan Reigner; Ólafur Árnason et al.</i></p>	<p>NATURE-BASED TOURISM TRENDS, MARKETS AND INNOVATIVE PRODUCTS Chair: <i>Peter Fredman, Ulrike Pröbstl-Haider</i></p> <p>Prominent trends in nature-based tourism – An international comparison <i>Peter Fredman, Jan Vidar et al.</i></p> <p>E-Mountain Biking – Potential for Swiss Tourism Destinations <i>Wyttbach Martin, Walker Daniela et al.</i></p> <p>Nature-based tourism firms and community resilience <i>Magnar Forbord, Kreg Lindberg et al.</i></p> <p>Customer Journey Mapping for Nature organizations; implications and applicability <i>Maaike Bergsma,</i></p> <p>The digital future and its possible influence on winter tourism in the European Alps <i>Ulrike Pröbstl-Haider</i></p> <p>Park visitor segmentation to inform park management, marketing and product development <i>Kelly de Bie</i></p>	<p>NATURE BASED INTEGRATION Chair: <i>Sandra Gentin, Margrete Skår</i></p> <p>Nature based integration in Europe – a review <i>Sandra Gentin, Kati Pitkänen et al.</i></p> <p>Nature-based integration in the Nordic countries – practices and perspectives <i>Søren Præstholm, Sandra Gentin et al.</i></p> <p>Perception of Forests and Forest Management by Germans and Migrants using Photovoice <i>Gerd Lupp, Korinna Käsbauer</i></p> <p>Naturalness and perceived safety in urban green areas. Case study from Tallinn, Estonia <i>Mart Reimann, Piret Kuldna et al.</i></p> <p>Urban, proximate nature - how is it important in a Norwegian and multi-cultural context? <i>Margrete Skår, Stine Rybråten</i></p>
--	---	--	--

Parallel session IV – Friday, August 31st, 8:30-10:45

<p>POST-DATA COLLECTION USES OF VISITOR MONITORING DATA 1POST-DATA COLLECTION Chair: <i>Robert C. Burns, Damien Le Guyader</i></p> <p>Use of various types of data in decision-making: A transportation case study in Seattle, Washington, USA <i>Robert C. Burns</i></p> <p>Managing geocaching in a protected area – what actions were taken in the Donau-Auen National Park, Austria over the last three years? <i>Claudia Hödl</i></p> <p>Quantifying effects of signs on visitor flow in NP Krka <i>Jasminka Klanjšček, Sunčana Geček,</i></p> <p>Use of game cameras and interviews to monitor visitors: is there crowding in the Iguazu National Park - Brazil? <i>Jasmine Cardozo Moreira, Robert C. Burns et al.</i></p> <p>Elaboration and implementation of a cultural services' indicator of impacts in the Mediterranean: a first diagnosis <i>Chazée Laurent, Requier-Desjardins Mélanie</i></p> <p>Counting visitors in Marine Protected Areas and after? A statistical modelling experiment to estimate the spatial and temporal distributions of recreational coastal activities <i>Damien Le Guyader, Nicolas Jannic et al.</i></p>	<p>INTERPRETATION AS A TOOL FOR CONNECTING VISITORS TO AND MANAGING VISITORS IN PROTECTED AREAS Chair: <i>Elizabeth A. Halpenny, Betty Weiler</i></p> <p>Interpretation program perceptions: A comparison of Alberta Parks staff views of visitor trends, program opportunities, challenges, and outcomes <i>Clara Jane Blye, Elizabeth A. Halpenny et al.</i></p> <p>Social media in parks and conservation areas: A case study of “virtual visitors” from the Facebook page of Yellowstone National Park <i>Zachary D. Miller, Wayne A. Freimund</i></p> <p>Learning during guided wildlife tours in protected areas and its implications for behavioural change and stewardship <i>Jonathon Spring</i></p> <p>Nature Interpretation in Protected Areas: Connecting with Gen Y <i>Betty Weiler, Isabelle D. Wolf et al.</i></p> <p>Mobile apps as nature-based tourism experience facilitator: A conceptual approach <i>Tatiana Chekalina, Matthias Fuchs</i></p> <p>Development of interpretative trails in Brazilian protected areas <i>Douglas de Souza Pimentel, Camila Pinto Meireles</i></p> <p>A framework for integrating values into persuasive communication: Value orientations, elaboration, and the theory of planned behavior <i>Zachary D. Miller, Wayne A. Freimund et al.</i></p>	<p>MONITORING OF OUTDOOR RECREATION ON NATIONAL LEVEL – METHOD UPDATES AND CHALLENGES Chair: <i>Eija Pouta, Tuija Sievänen</i></p> <p>Estimating Daily Exiting Traffic from National Forest Recreation Sites Using Short-term Observational Counts <i>Donald B.K. English, Stanley J. Zarnoch et al.</i></p> <p>Nature based sports in forest areas in France. Results from the 2015 French national survey “Forest and society” <i>Anne-Marie Granet, Maxime Cordellier et al.</i></p> <p>Recreation monitoring: experiences of responding in web-surveys and prospects for future <i>Marjo Neuvonen, Tuija Sievänen</i></p> <p>Accounting for cultural ecosystem services: a case of recreation services in Finland <i>Eija Pouta, Tuija Sievänen et al.</i></p> <p>A synthesis of recreation values of European forested areas and implications for national benefit transfers <i>Kateřina Kaprová, Jan Melichar et al.</i></p> <p>Visitor Numbers for Protected and Nature Areas: A Global Data Sharing Initiative <i>Jan Philipp Schägner, Arne Arnberger et al.</i></p>	<p>ENVIRONMENTAL EFFORT IN RECREATIONAL AND PROTECTED AREAS AT RISK FROM INEQUALITY Chair: <i>Ginelli Ludovic, Marianna Strzelecka</i></p> <p>Impact based management of recreational uses: a fair share of environmental effort? A sociological approach applied to two French national parks <i>Ginelli Ludovic</i></p> <p>Managing Visitors and Environments: Resident. Perspectives on Amenity Values in Mexico <i>Natalia Espinoza Garcia, Jack Corbett</i></p> <p>Reconciling Small Scale Protected Area Designation with Local and Traditional Land Uses: two Nova Scotia cases <i>Glyn Bissix, Ross Firth</i></p> <p>Collaboration with Communities Living next to Protected Areas, for the Conservation of Biodiversity, Landscape and Heritage in Israel <i>Shaul Goldstein, Raya Shurki et al.</i></p> <p>Toward recognition justice through empowerment in Natura 2000 ecotourism. <i>Marianna Strzelecka, Malgorzata Grodzinska-Jurczak et al.</i></p> <p>Conservation, tourism and fishermen communities in the Toliara region (SW Madagascar) <i>Durand Marie-Hélène, Thomassin Bernard A. et al.</i></p>
--	--	--	---

Parallel session V – Friday, August 31st, 13:00-15:15

POST-DATA COLLECTION USES OF VISITOR MONITORING DATA 2

Chair: *Arne Arnberger, Marcel Hunziker*

Using visitor monitoring data to manage mountain-biking use in the Wienerwald Biosphere Reserve, Austria

Arne Arnberger, Hemma Preisel et al.

Status of, issues with, and manager attitudes toward visitor monitoring in Japan's national parks

Tetsuya Aikoh, Reiko Gokita

Experimental Long-Term Evaluation of Measures to Reduce Biker-Hiker Conflicts – an Example of an Urban Forest in Switzerland

Marcel Hunziker, Annick Kleiner et al.

Making use of visitor incident data in Karijini National Park: A Western Australian case study

Anna M. Gstaettner, Michael Phillips et al.

Estimating angling impacts on remote fisheries: An angler use and preference study in the central Appalachian Mountains, USA

Kyle J. Hartman

Accuracy of estimated number of visitors gained through different monitoring methods and its implications on economic analysis

Markéta Braun Kohlová, Jan Melichar et al.

Mode Effect and Response Rate Issues in North American Mixed-Mode Survey Research: Implications for Recreational Fisheries Management

Gerard Kyle, Kenneth Wallen et al.

PLACE BASED KNOWLEDGE AND ENVIRONMENTAL ENGAGEMENT

Chair: *Catherine Verreault, Kota Mameno*

Sharing the Stewardship of a Canadian Conservation Park

Christie Spence, Catherine Verreault

Unplanned trail creation in Gatineau Park, Canada: engaging users in finding a sustainable solution

Catherine Verreault, Christie Spence

Fostering park tourism and recreation knowledge-informed management: A case from Alberta Parks

Halpenny, Gould et al.

Involving recreational users in environmental management: invasive aquatic plants in lakes on France's Atlantic coast

Dehez Jeoffrey, Ginelli Ludovic et al.

Understanding the value of opportunities for tourist support in managing non-native invasive species

Kota Mameno, Yasushi Shoji et al.

Reconciling Traditional and Recreational Activities in the 100 Wild Islands

Ross Firth, Peter Green

OUTDOORS ECONOMICS 1 - CONTRIBUTIONS TO THE ECONOMY

Chair: *Donald B.K. English, Tina Highfill*

Regional economic impacts of tourism in German Biosphere Reserves

Manuel Engelbauer, Lisa Majewski et al.

Introducing the Outdoor Recreation Satellite Account

Tina Highfill, Connor Franks et al.

The footprint of outdoor recreation on the Danish national economy

Frank Søndergaard. Jensen, Lars-Bo Jacobsen et al.

Measuring Tourism in Public Natural Parks in Japan

Yoshiaki Shimazaki, Christian Crowley et al.

Measuring the spending of visitors to U.S. national forests over two decades

Eric M. White, Donald B.K. English

U.S. Federal Recreation: Diverse Lands, Diverse Agencies – Comparing Agency Methods of Monitoring Visitation and Estimating Economic Impacts

Christian Crowley, Sarah Cline

Economic contributions from tourism in a Brazilian National Park at the frontier of the Cerrado biodiversity hotspot

André de Almeida Cunha, Paula Oliveira Gomes et al.

TRAIL RUNNING AND SPORTING EVENTS IN PROTECTED AREAS: PROGRESS ON RESEARCH AND MANAGEMENT

Chair: *Yu-Fai Leung, Rannveig Ólafsdóttir,*

Environmental perception of long distance runners in the Icelandic highlands: a comparative study between 2007 and 2018

Rannveig Ólafsdóttir, Anna Dóra Sæþórsdótti et al.

Monitoring and Management of recreationists along long-distance National Scenic Trails

Jeremy Wimpey, Nathan Reigner et al.

Trail degradation and organized sporting events in Hong Kong

Sai-Leung Ng, Yu-Fai Leung et al.

Issues on trail runners, Trail running and recreational and protected areas in Portugal

Rui Pedro Julião, Marta Valente et al.

Assessing and Managing Trail Use and Endurance Activities in Grand Canyon National Park, USA

Peter Pettengill, Ryan Sharp et al.

The development of Trail Station: an innovation to serve tourist development of territories? Two examples of Saint-Pierre de Chartreuse (Alps) and Ossau-Pyrénées (Pyrénées) stations

Bessy Olivier, Buron Glen et al.

	<p>PREFERENCES AND REPRESENTATIONS OF NATURE Chair: <i>Philipp Sacher, Mareike Garms</i></p> <p>Wilderness in German national parks: The gap between rhetoric and reality <i>Mareike Garms, Marius Mayer</i></p> <p>Sounds as an element of human-coupled systems: Social-ecological evidence from Muir Woods National Monument <i>Peter Newman, Zachary D. Miller et al.</i></p> <p>Assessment of the scenic beauty and attitudes towards deadwood experiment plots in the Bavarian Forest National Park, Germany <i>Philipp Sacher, Michael Sobek et al.</i></p> <p>Landscape preferences of tourists hiking in the trails of S. Miguel Island (Azores, Portugal): importance for conservation <i>Maria Anunciação M. Ventura, Ana Moniz et al.</i></p> <p>Mapping of landscape attractiveness for the development of a monitoring indicator for Mediterranean wetlands: "Landscape perception indicator". Ichkeul protected area case study, Tunisia <i>Faiza Khebour Allouche, Laurent Chazee et al.</i></p> <p>Biodiversity of Paklenica National Park as a prerequisite for the development of special types of tourism <i>Anđelko Vrsaljko, Ivana Trošelj,</i></p>	<p>OUTDOORS ECONOMICS 2 - MARKETS, VALUES AND ORGANIZATIONS Chair: <i>Marius Mayer, Jeffrey Dehez</i></p> <p>Revealed and stated preferences and their determinants for cross-border visits of protected areas in the Polish-German border region <i>Marius Mayer, Gabriel Gach</i></p> <p>Place-based approach to outdoor recreation economics: empirical analysis of recreational demand in forests <i>Dehez Jeffrey, Lyser Sandrine et al.</i></p> <p>Governance and economic impact of whale-watching. The case of El Vizcaíno Biosphere Reserve, Baja California, Mexico <i>Ludger Brenner, Marius Mayer</i></p> <p>How to sustainably manage recreational fishing: a meta-analysis of technical regulation instruments? <i>Fathallah Kerouaz</i></p> <p>Sustainable financing of national and nature parks in Croatia and possibilities for introducing the new finance mechanisms for biodiversity <i>Krešimir Šakić, Vesna Bulat Škarica</i></p> <p>Economics of supply of outdoor recreational opportunities – conceptual foundations and state of literature in Germany– <i>Volkmar Hartje</i></p>	<p>OUTDOORS, HEALTH AND WELLNESS Chair: <i>Liisa Tyrväinen, Birgit Elands</i></p> <p>Understanding the demand for ecosystem services provided by parks and green spaces: Using the partial profile choice experiment <i>Hyerin Kim, Yasushi Shoji et al.</i></p> <p>Back to the North Japan Alps: A Comparative Investigation of Incident Causes and Risk Profiles of Different Alpine Areas <i>Akihiro Kobayashi, Thomas Jones</i></p> <p>Nature for physical activity promotion –role of green infrastructure in Finland <i>Liisa Tyrväinen, Marjo Neuvonen et al.</i></p> <p>Future stewards? Connection to nature starts from childhood experiences in nature areas <i>Birgit Elands, Louwra Postma et al.</i></p> <p>Healthy Parks, Healthy People Finland <i>Matti Tapaninen, Liisa Kajala et al.</i></p> <p>Tranquility mapping for soundscape management: From concept to reality <i>Jeff Dalley</i></p>
--	--	---	---