

2021

Maantieteen päivät

Ratkaisuja etsimässä

The Annual Meeting of Finnish Geographers
Searching Solutions

Yhteistyössä | In collaboration with



4.11. Torstai | Thursday

12:15–12:30 Avauspuheenvuorot | Opening words

Päivi Lujalan tervetuloitovotus

Dekaani Maarit Järvenpään tervehdys

12:30–14:00 Key note -luennot | Key notes

Hilde Refstie Reconfiguring research relevance in the search for sustainable solutions – *Fennia lecture*

Richard Powell Sustaining Arctics? Between climate change and decolonising in northern research

14:00–14:30 Tauko | Break ▶ Zoom100

14:30–16:00 Työryhmät 1 | Sessions 1

1+3A Migration and Environment + Research agenda for Finnish disaster research and disaster geography ▶ **Zoom101**
*Joint session

4A Climate intervention – a phenomenon of the Anthropocene ▶ **Zoom102**

10A Feminist perspectives on urban planning and regional development: Towards more just, sustainable and inclusive societies ▶ **Zoom103**

12A Promises and Challenges of Future Technologies in Human Geographical Research ▶ **Zoom104**

13 Young people as environmental citizens beyond individualistic consumers ▶ **Zoom105**

*Joint session with Nuorisotutkimuspäivät 2021

18 Maantieteellisen lukutaidon kehittyminen alakoulusta yliopistoon ▶ **Zoom106**

26A Geoinformatiikka hyvinvoivalle yhteiskunnalle ja ympäristölle / Geoinformatics for a healthy society and the environment ▶ **Zoom107**

29 Oikeus tilaan: käsitteellisiä ja menetelmällisiä avauksia ▶ **Zoom108**

30A Tourism geographies for sustainability ▶ **Zoom109**

5.11. Perjantai | Friday

8:45–10:20 Key note -luennot | Key notes

Ari Lehtinen Alue ja Ympäristö: kriisitutkimus muutosvoimana – *AYS:n 50. vuoden juhluuento*

Tuuli Toivonen Does mobile Big Data change geographical research?

10:20–10:30 Palkinnonjako | Awards

Suomen Maantieteellisen Seuran pro gradu -palkinnon saajan julkistus

10:30–11:00 Tauko | Break ▶ Zoom100

11:00–12:30 Työryhmät 2 | Sessions 2

3B Research agenda for Finnish disaster research and disaster geography ▶ **Zoom101**

4B Climate intervention – a phenomenon of the Anthropocene ▶ **Zoom102**

8 The spatiality of critical sustainability ▶ **Zoom103**

17 Seeking Solutions to Carbon Neutrality through Transdisciplinary Research across Social Sciences and Humanities ▶ **Zoom105**

20 Tutkimus muutosvoimana -paneelikeskustelu ▶ **Zoom106**

24A Social and ecological sustainability in urban and rural peripheries ▶ **Zoom107**

26B + 19A Geoinformatics for a healthy society and the environment + Promoting sustainable and active mobility in everyday lives – insights from geographic analysis and open data ▶ **Zoom108**
*Joint session

27 New North? Changing natural environments in high latitudes ▶ **Zoom109**

12:30–13:30 Tauko | Break ▶ Zoom100

13:30–15:00 Työryhmät 3 | Sessions 3

6 (Re-)assembling small town geographies ▶ **Zoom101**

7 European Green Deal for circular economy and green energy ▶ **Zoom102**

10B Feminist perspectives on urban planning and regional development: Towards more just, sustainable and inclusive societies ▶ **Zoom103**

12B Promises and Challenges of Future Technologies in Human Geographical Research ▶ **Zoom104**

19B Promoting sustainable and active mobility in everyday lives – insights from geographic analysis and open data ▶ **Zoom105**

21 The Politics of Urban Problems and Solutions ▶ **Zoom106**

23 Matkalla kohti kansainvälistä geodiversiteettipäivää: mitä geodiversiteetti on ja miten voimme yhdessä tehdä sitä näkyväksi? -keskustelutilaisuus ▶ **Zoom107**

24B Social and ecological sustainability in urban and rural peripheries ▶ **Zoom108**

25 Social justice, geography and activism: how are geographers making better futures? ▶ **Zoom109**

28 Vesiympäristöjen moninaiset maantieteet ▶ **Zoom110**

30B Tourism geographies for sustainability ▶ **Zoom111**

15:00–15:15 Loppusanat | Closing words ▶ Zoom100

Maantieteen päivien 2022 järjestäjien tervehdys

4.1.1. Torstai-iltapäivä | Thursday afternoon

I + 3A Migration and Environment + Research agenda for Finnish disaster research and disaster geography

Session leaders (1): Eeva-Kaisa Prokkola (University of Oulu),
Élise Lépy (University of Oulu)

Session leaders (3): Eija Meriläinen (University College London), Maija
Nikkanen (University of Helsinki), Aleksi Räsänen (University of Helsinki),
Antti Silvast (Norwegian University of Science and Technology)

► Framing Transnational Climate Migration in a Nordic Country (1)

Eeva-Kaisa Prokkola (University of Oulu), *Élise Lépy* (University of Oulu), Saija Niemi
(Migration Institute of Finland), Jaana Palander (Migration Institute of Finland)

► Preparing to leave? Household mobility decisions in areas affected by climate change in coastal Bangladesh (1)

Päivi Lujala (Oulun yliopisto), Arne Wiig (Chr. Michelsen Institute), Minhaj
Mahmud (Bangladesh Institute of Development Studies), Ivar Kolstad
(Norwegian School of Economics), Sozina Bezu (Ryerson University)

► Scraps of Hope in Bhuj: Living the Aftermath of the 2001 Kachchh Earthquake Recovery in Gujarat, India (3)

Marjaana Jauhola (University of Helsinki), Shyam Gadhavi (Prakrit
Foundation for Development)

► Critical geographies of humanitarian logistics: a view from the Nordic countries (3)

Elisa Pascucci (University of Helsinki)

4A Climate intervention – a phenomenon of the Anthropocene

Session leader: Ilona Mettiäinen (University of Lapland)

► Thawing a frosty relationship? Safeguarding the participatory rights of Arctic Indigenous peoples in the context of developing geoengineering governance

Aaron M. Cooper (University of Eastern Finland, Coventry University)

► Politically relevant solar geoengineering scenarios

Andrew Lockley (University College London), *Yangyang Xu* (Department
of Atmospheric Sciences, College of Geosciences, Texas A&M University),
Simone Tilmes (Atmospheric Chemistry Observations and Modeling,
National Center for Atmospheric Research, Boulder Colorado), Masahiro
Sugiyama (Institute for Future Initiatives, University of Tokyo), Dale
Rothman (Department of Computational and Data Sciences, George
Mason University), Adrian Hindes (Fenner School of Environment and
Society, Australian National University)

► Targeted interventions for conserving the cryosphere – local interventions with global implications

Ilona Mettiäinen (Arctic Centre, University of Lapland), Michael Wolovick
(Beijing Normal University), Liyun Zhao (Beijing Normal University,
Southern Marine Science and Engineering Guangdong Laboratory
(Zhuhai)), Rupert Gladstone (Arctic Centre, University of Lapland), Ying
Chen (Chinese Academy of Social Sciences), Stefan Kirchner (Arctic
Centre, University of Lapland), Timo Koivurova (Arctic Centre, University
of Lapland)

Note: presenting author(s) is printed in italics.

10A Feminist perspectives on urban planning and regional development: Towards more just, sustainable and inclusive societies

Session leaders: Marika Kettunen (Oulun yliopisto), Milla Kallio
(FEMMA Planning), Efe Ogbeide (FEMMA Planning)

► The far-right on ice: Feminist perspectives on Arctic development and nation-building in the context of far-right politics in Russia

Sonja Pietiläinen (University of Oulu)

► Tietotyön sukupuolittunut maantiede?

Kirsi Siitonen (MDI Public Oy), Rasmus Aro (MDI Public Oy)

► Intersektionaalinen lähestymistapa osallistavassa kaupunkisuunnittelussa

Milla Kallio (FEMMA Planning), *Efe Ogbeide* (FEMMA Planning)

12A Promises and Challenges of Future Technologies in Human Geographical Research

Session leaders: Thomas Behrndt (University of Turku), Johanna
Hautala (University of Vaasa), Liisa Mäkinen (University of Turku),
Roosa Wingström (University of Turku)

► Stigmas of Helsinki neighborhoods: Corpus-assisted discourse studies and data mining approach

Jenny Tarvainen (University of Jyväskylä)

► The New Dynamics of Creative Work: Time-geographic approach to the creative processes of computer scientists

Roosa Wingström (Turun yliopisto)

► Coming to Terms with Algorithmic Surveillance

Thomas Behrndt (University of Turku, University of Vaasa)

► Environmental knowledge and visualizing media technology in Finnish-Russian border regional media flows

Teemu Oivo (Helsingin yliopisto)

13 Young people as environmental citizens beyond individualistic consumers

Session leaders: Kirsi Pauliina Kallio (Tampereen yliopisto), Päivi Honkatukia (Tampereen yliopisto)

This session is co-organized with Nuorisotutkimuspäivät 2021 (Annual Conference on Youth Studies 2021).

► Young peoples' environmental citizenship in the news and social media framings on the Fridays for Future Movement in Finland

Eerika Albrecht (University of Eastern Finland), Janette Huttunen (Åbo Akademi)

► Participation of Sámi youth in the Finnish climate act reform from the perspective of social justice

Henna Juusola (Tampere University), Jukka Viljanen (Tampere University)

► Towards understanding practices of visual participation: Exploring the meaning of visual content on social media channels among young environmental activists in Finland

Jenni Kettunen (University of Helsinki)

18 Maantieteellisen lukutaidon kehittyminen alakoulusta yliopistoon

Työryhmän vetäjät: Virpi Hirvensalo (Helsingin yliopisto), Tua Nylén, Petteri Muukkonen (Helsingin yliopisto)

► Mitä taitoja lapsi ja nuori tarvitsee päästäkseen eteenpäin maantieteellisen lukutaidon osalta?

Markus Hilander (Helsingin yliopisto)

► Maantieteen opettaja on lukutaidon opettaja

Sanna Mäki (Turun yliopisto)

26A Geoinformatiikka hyvinvoivalle yhteiskunnalle ja ympäristölle / Geoinformatics for a healthy society and the environment

Työryhmän vetäjät / Session leaders: Harri Antikainen (Oulun yliopisto), Tiina Lankila (Oulun yliopisto), Terhi Ala-Hulkko (Oulun yliopisto), Marjo Seppänen (Oulun yliopisto)

► ARIFI: malli saavutettavuuden ja syrjäisyyden oikeudenmukaisemmaksi huomioimiseksi alue- ja kuntapolitiikassa

Simo Rautiainen (Itä-Suomen yliopisto, Karjalan tutkimuslaitos)

► Ruoan maailmanlaajuinen saavutettavuus – viljan kysynnän ja tarjonnan välinen tasapaino

Terhi Ala-Hulkko (Oulun yliopisto), Pekka Kinnunen (Aalto-yliopisto), Márton Magyar (Oulun yliopisto), Anita Poturalska (Oulun yliopisto), Maija Toivanen (Oulun yliopisto), Ossi Kotavaara (Oulun yliopisto)

► Matka-ajan yhteys perusterveydenhuollon mielenterveyspalveluiden käynteihin ja käyntien yhteystapaan Kainuussa 2015–2019 – Sosiaali- ja terveydenhuollon hoitoilmoitusrekisteriin perustuva tutkimus

Tiina Lankila (Oulun yliopisto), Harri Antikainen (Oulun yliopisto)

► Exploring the factors affecting conflict intensity in Africa

Helena Tukiainen (University of Oulu), Päivi Lujala (University of Oulu)

29 Oikeus tilaan: käsitteellisiä ja menetelmällisiä avauksia

Työryhmän vetäjät: Päivi Rannila (Turun yliopisto), Virve Repo (Turun yliopisto)

► Omaisuus ja omistajuus valtana tilaan

Siiri Pyykkönen (Turun yliopisto)

► Lähiön sosiaaliset infrastruktuurit ja oikeus tilaan

Jenni Kuoppa (Turun yliopisto)

► Vapaaehtoistyöetnografia tilallisten oikeuksien tarkastelussa

Mia Jaatsi (Turun yliopisto)

► Karseraaltila vai vankeustila? Käsitteiden suomentamisen haasteet

Virve Repo (Turun yliopisto)

► Irakilaisnaisten käsitykset heidän oikeuksistaan tiloihin

Katri Gadd (Ihmisoikeusinstituutti, Åbo Akademi)

► Miten soveltaa 'lain väkivallan' käsitettä karkotustutkimuksessa

Eveliina Lyytinen (Siirtolaisuusinstituutti)

30A Tourism geographies for sustainability

Session leaders: Henna Konu (Natural Resources Institute Finland LUKU), Kati Pitkänen (Finnish Environment Institute SYKE), Riikka Puhakka (University of Helsinki), Kaarina Tervo-Kankare (University of Oulu)

► Nature for all? Studying immigrant adolescents' relationship with and recreational use of nature

Kati Pitkänen (Finnish Environment Institute SYKE), Riikka Puhakka (University of Helsinki), Iikka Oinonen (Finnish Environment Institute SYKE)

► Adolescents' lived nature experiences and the perceived well-being effects

Riikka Puhakka (University of Helsinki), Eemeli Hakoköngäs (University of Eastern Finland)

► Outdoor recreation and nature's contribution to well-being in a pandemic situation - Case Turku, Finland

Nora Fagerholm (University of Turku), Salla Eilola, Vesa Arki

► Nature's eudemonic wellbeing benefits

Johanna Jämsä (University of Turku)

3B Katastrofitutkimuksen ja katastrofimaantieteen suuntaviivoja Suomessa / Research agenda for Finnish disaster research and disaster geography

Työryhmän vetäjät / Session leaders: Eija Meriläinen (University College London), Maija Nikkanen (University of Helsinki), Aleksi Räsänen (University of Helsinki), Antti Silvast (Norwegian University of Science and Technology)

► **Käsitys yksilön vastuusta ja omatoiminen varautuminen sähkökatkoihin**

Maija Nikkanen (University of Helsinki), *Sanna Malinen* (University of Canterbury), *Heikki Laurikainen* (Huoltovarmuuskeskus)

► **Kokonaisturvallisuus ja riskiarviot katastrofiriskien vähentämisen työkaluna**

Taina Hanhikoski (Suomen Pelastusalan Keskusjärjestö, Tampereen yliopisto)

► **A critical look at participation in climate and disaster governance**

Heidi Tuhkanen (University of Helsinki)

► **Katastrofien keskellä – tiedekeskusnäyttely**

Emmi Huhtaniemi (Tiedekeskus Heureka)

4B Climate intervention – a phenomenon of the Anthropocene

Session leader(s): *Ilona Mettäinen* (University of Lapland)

► **Solar climate intervention to reduce future risk of ‘Day Zero’ level droughts in Cape Town**

Romarc Odoulami (African Climate and Development Initiative, University of Cape Town), *Mark New* (African Climate and Development Initiative, University of Cape Town), *Piotr Wolski* (Climate System Analysis Group, University of Cape Town), *Gregory Guillemet* (Institut National de Sciences Appliquées, Lyon), *Izidine Pinto* (Climate System Analysis Group, University of Cape Town), *Christopher Lennard* (Climate System Analysis Group, University of Cape Town), *Helene Muri* (Department of Energy and Process Engineering, Industrial Ecology Programme, Norwegian University of Science and Technology), *Simone Tilmes* (Atmospheric Chemistry, Observations, and Modeling Laboratory, National Center for Atmospheric Research, USA)

► **Uncertainties in estimating radiative and climate impacts of stratospheric sulfur injections**

Anton Laakso (Finnish Meteorological Institute), *Ulrike Niemeier* (Max Planck Institute for Meteorology), *Daniele Visoni* (Cornell University), *Simone Tilmes* (National Center for Atmospheric Research), *Harri Kokkola* (Finnish Meteorological Institute)

► **Co-producing scientific knowledge on climate geoengineering with communities in the Arctic**

Ilona Mettäinen (Arctic Centre, University of Lapland), *Holly J. Buck* (Cornell University), *Katharine Ricke* (UC San Diego), *Douglas G. MacMartin*

8 The spatiality of critical sustainability

Session leaders: *Janne Salovaara* (University of Helsinki), *Sophia Hagolani-Albov* (University of Helsinki)

► **Sustainability transition from macro policies to regional practices? Development actors’ perspective on forest bioeconomy**

Maija Halonen (University of Eastern Finland), *Annukka Näyhä* (Jyväskylä University School of Business and Economics, Jyväskylä University School of Resource Wisdom), *Irene Kuhmonen* (Jyväskylä University School of Business and Economics, Jyväskylä University School of Resource Wisdom)

► **Winners and losers of sustainable urban development: Environmental gentrification and residential differentiation in an affluent Nordic city**

Antti Wallin (Tampere University)

► **Revenue Management**

Primi Suharmadhi Putri (University of Oulu)

► **Sustenance of sustainabilities in nature-based tourism and protected areas**

Aapo Lunden (University of Oulu)

17 Seeking Solutions to Carbon Neutrality through Transdisciplinary Research across Social Sciences and Humanities

Session leaders: *Roger Norum* (University of Oulu), *Sakari Höysniemi* (University of Helsinki), *Tanja Riekkinen* (University of Oulu)

► **Geotermisen energian seismisen riskin hallinta institutionaalisesti epäselvässä tilanteessa**

Johanna Tuomisaari (University of Helsinki)

► **Imagining Finnish petroculture**

Tanja Riekkinen (University of Oulu)

► **Making of the Arctic dream – The affective resources in the Arctic strategies**

Sohvi Kangasluoma (University of Helsinki)

► **Comparing storylines of secure and sustainable energy futures in sociotechnical imaginaries of Finnish governance**

Sakari Höysniemi (University of Helsinki)

20 Tutkimus muutosvoimana -paneelikeskustelu

Työryhmän vetäjät: *Rosa Wingström* (Turun yliopisto), *Marika Kettunen* (Oulun yliopisto)

Panelisteina *Camilla Marucco* (Turun yliopisto/We See You ry), *Tuomo Alhojärvi* (Oulun yliopisto), *Pieta Hyvärinen* (Tampereen yliopisto), *Joonatan Hamari* (Rotos ry) ja *Tuija Patana*.

24A Social and ecological sustainability in urban and rural peripheries

Session leaders: Joni Vainikka (University of Helsinki), Venla Bernelius (University of Helsinki)

► Climate attitudes as indicators for willingness to adopt climate-wise housing

Joonas Salmijärvi (University of Helsinki)

► Sustainability at the margins. A mixed-method study on how to enhance integration and well-being of immigrants in Finland

Hanna Heino (University of Turku), Miriam Tedeschi

► Comparing Environmental Inequality Measures of Ambient Air Pollution Exposure in Helsinki Metropolitan Area

Ákos Gosztonyi (University of Helsinki), Joanne Demmler (University of Helsinki), Sanna Ala-Mantila (University of Helsinki)

► Social tipping points and segregation

Joni Vainikka (University of Helsinki)

26B + 19A Geoinformatiikka hyvinvoivalle yhteiskunnalle ja ympäristölle / Geoinformatics for a healthy society and the environment +

Promoting sustainable and active mobility in everyday lives – insights from geographic analysis and open data

Työryhmän vetäjät / Session leaders: Harri Antikainen (Oulun yliopisto), Tiina Lankila (Oulun yliopisto), Terhi Ala-Hulkko (Oulun yliopisto), Marjo Seppänen (Oulun yliopisto)

► Kaupunkisuunnittelu pandemioiden ennaltaehkäisyn välineenä – RECIPE-tutkimushanke (2021–2024) (26)

Soile Puhakka (ODL Liikuntaklinikka, Oulun yliopisto)

► Measuring urban form density, mix and access networks (26)

Mikko Kärmeniemi (ODL Liikuntaklinikka, Elinikäisen terveyden tutkimusyksikkö, University of Oulu)

► Equality in suburban physical activity environments: a study about spatial accessibility (19)

Petteri Muukkonen (University of Helsinki), Charlotte van der Lijn (University of Helsinki), Marisofia Nurmi (University of Helsinki), Pengyuan Liu (University of Helsinki), Sonja Koivisto (University of Helsinki)

27 New North? Changing natural environments in high latitudes

Session leaders: Jan Hjort (University of Oulu), Helena Tukiainen (University of Oulu), Olli Karjalainen (University of Oulu)

► Consistent trait–environment relationships within and across tundra plant communities

Julia Kemppinen (University of Oulu), Pekka Niittynen, Peter C le Roux, Mia Momberg, Konsta Happonen, Juha Aalto, Helena Rautakoski, Brian J Enquist, Aud H Halbritter, Brian Maitner, Miska Luoto

► The Geography of Snow

Pekka Niittynen (University of Helsinki, The Arctic University of Norway)

► Frozen ground ice content – a key factor in assessing changing permafrost conditions

Olli Karjalainen (University of Oulu), Juha Aalto (Finnish Meteorological Institute), Mikhail Z. Kanevskiy (University of Alaska Fairbanks), Miska Luoto (University of Helsinki), Jan Hjort, (University of Oulu)

6 (Re-)assembling small town geographies

Työryhmän vetäjät / Session leaders: Moritz Albrecht (University of Eastern Finland), Maija Halonen (University of Eastern Finland), Jarmo Kortelainen (University of Eastern Finland)

- ▶ **Unbuilding (at) the Nordic periphery: A shrinking Finnish taajama as a site for critical urban theory?**
Heini-Emilia Saari (London School of Economics and Political Science)
- ▶ **Recoding of an industrial small-town: bioeconomy hype as a cure from decline (the story continues...)**
Moritz Albrecht (University of Eastern Finland & University of Koblenz-Landau), *Jarmo Kortelainen* (University of Eastern Finland)
- ▶ **Kaupungistumisen politiikasta**
Ilppo Soininvaara (Helsingin yliopisto)

7 European Green Deal for circular economy and green energy

Session leaders: Erja Kettunen-Matilainen (University of Turku), Antti Mäenpää (University of Vaasa)

- ▶ **Green transition of regional activities: transformation or destabilization?**
Seija Virkkala (University of Vaasa)
- ▶ **Role of public organisations in green transformation: Lessons learned from Ostrobothnia**
Antti Mäenpää (University of Vaasa), *Seija Virkkala* (University of Vaasa), *Åge Mariussen* (University of Vaasa), *Juuso Jääskeläinen* (University of Vaasa)
- ▶ **Towards the European aim of sustainable industry: Multi-stakeholder bargaining for circular economy**
Erja Kettunen (University of Turku)

10B Feminist perspectives on urban planning and regional development: Towards more just, sustainable and inclusive societies

Session leaders: Marika Kettunen (University of Oulu), Milla Kallio (FEMMA Planning), Efe Ogbeide (FEMMA Planning)

- ▶ **The making of Feminist Futures Helsinki hackathon & Perspectives on Urban Futures**
Henriette Friis (Aalto University), *Eva Duran Sánchez* (Aalto University)
- ▶ **in/visible presence of Russian speakers in Finland**
Daria Tarkhova (University of Helsinki), *Vadim Romashov* (Tampere University)
- ▶ **Institutional and agentic perspectives on regional development**
Eeva-Kaisa Prokkola (University of Oulu), *Fredriikka Jakola* (University of Oulu)

12B Promises and Challenges of Future Technologies in Human Geographical Research

Session leaders: Thomas Behrndt (University of Turku), Johanna Hautala (University of Vaasa), Liisa Mäkinen (University of Turku), Roosa Wingström (University of Turku)

- ▶ **National Artificial Intelligence policies at the framework of transformative innovation policy**
Lauri Hooli (Turun yliopisto), *Johanna Hautala*
- ▶ **Future imaginaries, expectations, and anticipatory practices: how practitioners of Artificial Intelligence operate between 'now and future'**
Johanna Hautala (University of Vaasa), *Toni Ahlqvist* (University of Turku)
- ▶ **Helsinki, Rovaniemi and Hanko in comparison: Corpus-assisted analysis of spatial discourses**
Salla Jokela (University of Tampere), *Terhi Ainiala* (University of Helsinki), *Jarmo H. Jantunen* (University of Jyväskylä), *Jenny Tarvainen* (University of Jyväskylä)

19B Promoting sustainable and active mobility in everyday lives – insights from geographic analysis and open data

Session leaders: Petteri Muukkonen (University of Helsinki), Vuokko Heikinheimo (Finnish Environment Institute SYKE), Elias Willberg (University of Helsinki)

- ▶ **Urban structure as an enabler of physical activity and sustainable mobility**
Vuokko Heikinheimo (Finnish Environment Institute SYKE), *Linda Karjalainen* (Finnish Environment Institute SYKE), *Maija Tiitu* (Finnish Environment Institute SYKE), *Jenni Lehtimäki* (Finnish Environment Institute SYKE), *Jari Lyytimäki* (Finnish Environment Institute SYKE), *Ville Helminen* (Finnish Environment Institute SYKE), *Riikka Paloniemi* (Finnish Environment Institute SYKE)
- ▶ **Restorative benefits of everyday green exercise: A public participation GIS approach**
Anna Kajosaari (Aalto University), *Tytti Pasanen* (Tampere University)
- ▶ **Exposure of urban cyclists to air pollution, noise, and greenery: From spatio-temporal mapping to measuring the role of route-choice**
Elias Willberg (University of Helsinki), *Age Poom* (University of Helsinki, University of Tartu), *Joose Helle* (Finnish Environment Institute SYKE, University of Helsinki), *Tuuli Toivonen* (University of Helsinki)
- ▶ **Interventions in public space management to increase active mobility: a methodological gap to measure impact and accelerate change?**
Carlos Lamuela Orta (University of Helsinki)

21 The Politics of Urban Problems and Solutions

Session leaders: Derek Ruez (Tampere University)

► The Urban Imaginaries of the Helsinki Region MAL-Agreements

Giacomo Bottà (University of Helsinki), *Pia Bäcklund* (University of Helsinki)

► Inclusive Urban Policy: Critical Literature Review

Johanna Kalliokoski (University of Vaasa), *Helka Kalliomäki* (University of Vaasa)

► “A compassionate city is an uncomfortable city”?: Problematization, polarization, and the politics of positivity

Derek Ruez (Tampere University)

23 Matkalla kohti kansainvälistä geodiversiteettipäivää: mitä geodiversiteetti on ja miten voimme yhdessä tehdä sitä näkyväksi? -keskustelutilaisuus

Työryhmän vetäjät: *Mikko Kiuttu* (Humanpolis Oy), *Vesa Krökki* (Humanpolis Oy), *Helena Tukiainen* (Oulun yliopisto), *Maija Toivanen* (Oulun yliopisto)

24B Social and ecological sustainability in urban and rural peripheries

Session leaders: *Joni Vainikka* (University of Helsinki), *Venla Bernelius* (University of Helsinki)

► Accessibility of everyday services in urban peripheries

Oskar Rönnberg (University of Helsinki), *Mathew Page* (University of Helsinki), *Sanna Iltanen* (Aalto University)

► Residential segregation between socioeconomic groups in the 20 biggest municipalities in Finland

Aleksi Karhula (University of Helsinki), *Antti Kurvinen* (University of Helsinki), *Sanna Ala-Mantila* (University of Helsinki)

25 Social justice, geography and activism: how are geographers making better futures?

Session leaders: *Camilla Marucco* (University of Turku), *Leonardo Custódio* (Åbo Akademi)

► Understanding challenges in tourism and searching for ways towards sustainability

Mari Partanen (University of Oulu)

► Broadening the scope of environmental pedagogy at schools for social justice

Kirsi Pauliina Kallio (Tampere University)

► Searching for solutions in “rebellious research” on deportability

Eveliina Lytinen (Migration Institute of Finland)

► Combining art and science to create qualitative data – thoughts in retrospect

Johanna Jämsä (University of Turku), *Satu Suvanto* (community artist), *Niina Aho* (community artist)

28 Vesiympäristöjen moninaiset maantieteet

Työryhmän vetäjät: *Janne Alahuhta* (Oulun yliopisto), *Marja Lindholm* (Oulun yliopisto)

► Kunnostukset Perämerellä

Suvi Saarnio (Pohjois-Pohjanmaan ELY-keskus)

► Elottoman ja elollisen luonnon välinen suhde ajassa – esimerkkinä järvien vesikasvit

Marja Lindholm (Oulun yliopisto), *Jani Heino* (Suomen ympäristökeskus), *Jan Hjort* (Oulun yliopisto), *Maija Toivanen* (Oulun yliopisto), *Helena Tukiainen* (Oulun yliopisto), *Heikki Toivonen*, *Janne Alahuhta* (Oulun yliopisto)

► Vesikasvien ekoregiot Pohjois-Amerikassa

Janne Alahuhta (Oulun yliopisto), *Jorge Garcia-Giron* (Suomen ympäristökeskus)

30B Tourism geographies for sustainability

Session leaders: *Henna Konu* (Natural Resources Institute Finland), *Kati Pitkänen* (Finnish Environment Institute SYKE), *Riikka Puhakka* (University of Helsinki), *Kaarina Tervo-Kankare* (University of Oulu)

► Securing sustainable snow for winter tourism industry – SnowApp climate service as a decision-support tool for resort management

Ilona Mettäinen (Arctic Centre, University of Lapland), *Martin Coath* (Arctic Centre, University of Lapland), *Roxana Contreras* (Arctic Centre, University of Lapland), *Jusu Toivonen* (Rukakeskus Ltd.)

► Evaluating local carbon compensation models for tourism

Henna Konu (Natural Resources Institute Finland), *Kaarina Tervo-Kankare* (University of Oulu), *Élise Lépy*, (University of Oulu)

► Using electricity data for second home research: prospects and challenges

Janika Raun (University of Helsinki), *Pasi Okkonen* (University of Helsinki), *Olle Järvi* (University of Helsinki), *Manu Rantanen* (University of Helsinki), *Torsti Hyryläinen* (University of Helsinki)

► Institutional perspective to sustainable tourism and tourism governance in protected areas

Aapo Lunden (University of Oulu)



Työpajat & jatko-opintokurssi

Pre-conference workshops & PhD course

PhD course

(Re)Searching for sustainable solutions PhD course (2 ECTS) is organized in November 1st–3rd at Geography Research Unit, University of Oulu. The course is targeted to doctoral students from geography and other related fields.

The course will last for five days and consist of three sections:

- An intensive seminar (from Monday afternoon to Wednesday morning)
- Workshop participation (Wednesday afternoon or Thursday morning)
- Annual Meeting of Finnish Geographers participation (Thursday and Friday)

During the seminar, the participants will hear presentations and panel discussions, share their experiences and discuss strengths and weaknesses of presented approaches. Each participant will choose and participate at least in one of the conference workshops (more info coming). The course participants will follow the conference both on Thursday and Friday. See more at <https://www.oulu.fi/maantiede/mp2021-phd-course>.

Työpajat | Workshops

3.11. Keskiviikko | Wednesday

13:00–16:00

- Arviointi maantieteen opetuksessa ▶ **Zoom**
- Participatory action research ▶ **Tellus BackStage @UniOulu**
- QGIS ja rajapintapalvelut ▶ **L2 @UniOulu**

4.11. Torstai | Thursday

8:30–11:30

- Viesti ja vaikuta! Tiedeviestinnän työpaja (kirjoittaminen) ▶ **Zoom**
- Viesti ja vaikuta! Science communication (graphics) ▶ **Tellus Galaxy @UniOulu**

9:00–12:00

- Maantieteen yliopisto-opettajien työpaja ▶ **Zoom**