

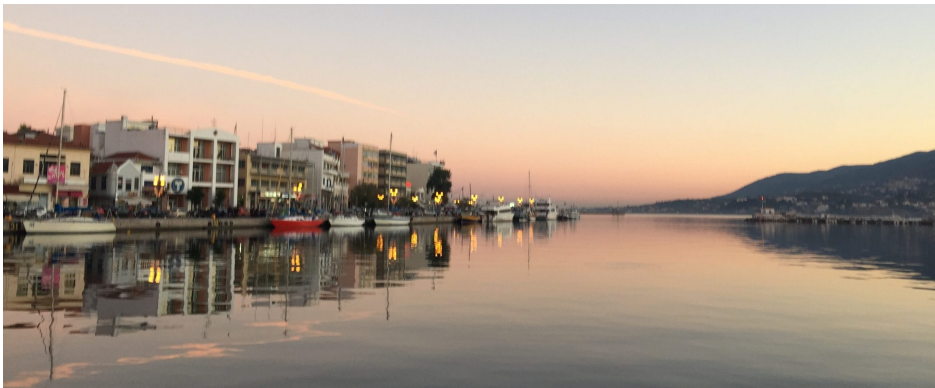


ISLAs Summer School Booklet

Islands as Laboratories for Sustainability The case of Lesbos

01-08 May 2022

Venue: Mytilene, University of the Aegean Lesbos island campus,
Greece



Academic Coordinators

Dimitris Ballas, University of Groningen

Thanasis Kizos, University of the Aegean

Frans Sijtsma, University of Groningen

Local Organising Committee

Sissal Tókadóttir Dahl, University of Groningen

George Stavrianakis, University of the Aegean

Speakers

Seraphim Alvanides, Northumbria University

Dimitris Ballas, University of Groningen

Ricardo Haroun, University of Las Palmas de Gran Canaria

Benjamin Hennig, University of Iceland

Klaus Hubacek, University of Groningen

Christina Prell, University of Groningen

Shareen Elnaschie, Office of Displaced Designers

Thanasis Kizos, University of the Aegean

Heracles Polatidis, Uppsala University

Rodrigo Riera, University of Las Palmas de Gran Canaria

Theocharis Tsoutsos, Technical University of Crete

Day 1: Sunday 01 May

16:00 - onwards **Informal gathering and welcome drink, Heliotrope Hotel**

Day 2: Monday 02 May

09:00 - 09:30 **General Introduction**
Dimitris Ballas, Klaus Hubacek

09:30 - 11:30 **Introduction to Sustainability**
Klaus Hubacek

12:00 - 16:00 **SD Boundaries**
Klaus Hubacek

16:16 - 18:00 **Island Story Maps**
Benjamin Hennig, Seraphim Alvanides

Day 3: Tuesday 03 May

09:00 - 18:00 **Social Network Analysis for Stakeholder Selection**
Christina Prell

20:00 - 22:00 **Optional Social Gathering**
O Kipos Café and bar. 5 Eur fee for light food
drinks to be purchased individually

Day 4: Wednesday 04 May

09:00 - 13:00 **Migration and the Refugee Crisis**
Shareen Elnaschie, Dimitris Ballas

14:00 - 17:00 **Island Story Maps**
Benjamin Hennig, Seraphim Alvanides

Day 5: Thursday 05 May

09:00 - 13:00 **Sustainable Energy for Islands**
Heracles Poatidis, Stefan Ivanell
Energy Communities, Energy Democracy, Co-Creation
Theocharis Tsoutsos

14:00 - 17:00 **Multi-Criteria Analysis as a Decision Tool**
Klaus Hubacek

Day 6: Friday 06 May

09:00 - 12:00 **Coastal Ecosystems: Valorisation and Anthropogenic perturbations**
Rodrigo Riera, Ricardo Haroun

13:00 - 17:00 **Wrap Up: Why Islands?**
Thanasis Kizos

Day 7: Saturday 07 May

09:00 - late afternoon **Excursion to Lesvos Petrified Forest and Museum**
Leaving from Campus. Lunch will be provided

Day 8: Sunday 08 May

09:00 - 17:00 **Participant Group Presentations and Concluding Session**

A one hour lunch break will be every day around 13:00, as well as smaller breaks throughout the days.

Practical and General Information

Campus:

The sessions will be held at the University of the Aegean campus on University Hill, at the Department of Geography. There will be signs indicating the specific room. Here is a link to the exact location:

[Department of Geography](#)

Getting to Campus/bus service:

There is a School Bus going from the city centre to University Hill every weekday. It leaves from Sappho Square every 30minutes. There is also public transport service available from Heliotrope Hotel to campus, the city centre and to/from the airport. For the timetables of both services please follow this link: [Bus times](#)

Taxi:

There are two main taxi ranks in Sappho square and by the municipal gardens. A taxi ride from/to Hotel Heliotrope to/from Mytilene costs approximately €5 (you should expect to pay slightly more after midnight). At the University of the Aegean, taxis are also often parked in front of the building of the Department of Environment. You can also call for a taxi by calling *Radio Taxi Mytilene* +302251023500 (please note that there is normally a small charge of up to €2 for the telephone booking service added to the taxi meter fare) or *Taxiplon* (with no booking charge; either call 18222 or +306981218222 or by using their mobile device app). A taxi to/from the airport costs approximately €10.

Atm:

There is an ATM at the University Hill at the ground floor of the Administration Building. There are also several ATMs across the city in Mytilene.

Emergency Number:

Emergency services can be reached by calling the European emergency number: 112 (called from anywhere in the EU free of charge from fixed or mobile phones; operators answer in the native language but it is very likely that they will also be able to speak English and other major EU languages).

Covid:

Please update yourself on the latest covid rules and restrictions. Here is a link to the official protocol for arrivals in Greece: <https://travel.gov.gr/#/>



Recommended Readings and Resources

Introduction to Sustainability

- **Instructional video:** <https://forio.com/simulate/mit/fishbanks/simulation/login.html>

Island Story Maps

- **Nine Steps to Great Storytelling:** <https://storymaps.arcgis.com/stories/429bc4eed5f145109e603c9711a33407>
- **Exploring cultural geography field course using story maps:** <https://www.tandfonline.com/doi/full/10.1080/03098265.2019.1597031>
- **Rhetorical cartographic story maps as public work:** <https://www.tandfonline.com/doi/full/10.1080/15358593.2020.1737201>

Social Network Analysis for Stakeholder Selection

- **Software packages** If time allows, we will try to do some hands on work with some social network data. As such, I recommend students download and install, prior to the workshop, the following software packages: **RStudio and R:** <https://www.rstudio.com/products/rstudio/download/>
<https://cran.r-project.org/>
Ucinet (a free 30 day trial period is available): <https://sites.google.com/site/ucinetsoftware/downloads> (Note: this website also has a number of tutorials you might find useful if you wish to proceed with using UCINET for your research).

Readings

- Ahmadi, A., Kerachian, R., Rahimi, R., Skardi, M.J.E. (2019). Comparing and combining Social Network Analysis and Stakeholder Analysis for natural resource governance. *Environmental Development*, 32: 100451. <https://doi.org/10.1016/j.envdev.2019.07.001>
- Jasny, L., Sayles, J., Hamilton, M., Roldan Gomez, L., Jacobs, D., Prell, C., Matous, P., Schiffer, E., Guerro, A. M., & Barnes, M. L. (2021). Participant engagement in environmentally focused social network research. *Social Networks*, 66, 125–138. <https://doi.org/10.1016/j.socnet.2021.01.005>
- Krupa, M., Cenek, M., Powell, J., Trammell, E.J. (2018). Mapping the Stakeholders: Using Social Network Analysis to Increase the Legitimacy and Transparency of Participatory Scenario Planning. *Society and Natural Resources*, 31:1, 136-141.
- Paolisso, M., C Prell, KJ Johnson, B Needelman, IMP Khan, K Hubacek. (2019). Enhancing socio-ecological resilience in coastal regions through collaborative science, knowledge exchange and social networks: a case study of the Deal Island Peninsula, USA. *Socio-Ecological Practice Research*, 1: 1-15.
- Prell, C., Klaus Hubacek, Mark Reed (2009). “Stakeholder analysis and social network analysis in natural resource management”, *Society and Natural Resources*, 22(6): 501-518.
- Prell, C. (2012). *Social network analysis: history, theory, and methodology*, Sage publications. ISBN: 978-1412947152. (Note: this book also offers examples of using UCINET).

Recommended Readings and Resources

Social Network Analysis for Stakeholder Selection (continuous)

- Prell, C., CDM Hesed , K Johnson , M Paolisso , Jose Daniel Teodoro , and Elizabeth Van Dolah (2021). Transdisciplinarity and Shifting Network Boundaries: The Challenges of Studying an Evolving Stakeholder Network in Participatory Settings. *Field Methods*, 33(4): 405-4116.
- Teodoro, J. D., & Prell, C. (2022). Learning to understand: Disentangling the outcomes of stakeholder participation in climate change governance. *Social Networks*. <https://doi.org/10.1016/j.socnet.2022.02.006>

Migration and the Refugee Crisis

- Ballas, D (2016) A letter from Lesbos, *Sheffield Political Economy Research Institute (SPERI) blog article* , <http://speri.dept.shef.ac.uk/2016/01/06/a-letter-from-lesvos/>
- Rodriguez-Pose, A., Berlepsch, V. (2018), *Does Population Diversity Matter for Economic Development in the Very Long Term? Historic Migration, Diversity and County Wealth in the US*, *European Journal of Population*, doi:10.1007/s10680-018-9507-z
- Ottaviano, G. I. P., Peri, G. (2006). *The economic value of cultural diversity: evidence from US cities*, *Journal of Economic Geography*, Volume 6, Issue 1, January 2006, Pages 9–44
- *Office of Displaced Designers*: <http://www.displaceddesigners.org/>
- *Janus' Legacy – A University of the Aegean produced documentary*:<https://www.youtube.com/watch?v=NUJeuNFZ6xs>
- *SBS Dateline documentary*: https://www.youtube.com/watch?v=cw6YhUOURVM&feature=youtu.be&fbclid=IwAR0pkb8tZmMywBjiRKtmS5XltyU5q7P47kc0jJJsUBLcij7YV9_CZUEi3qQ

Sustainable Energy for Islands

- Transforming our world: the 2030 Agenda for Sustainable Development, <https://sdgs.un.org/2030agenda>
- The UN 17 goals <https://sdgs.un.org/goals>
- The Paris Agreement, <https://unfccc.int/process-and-meetings/the-paris-agreement/the-paris-agreement>
- A European Green Deal, https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal_en
- The Sustainable Energy Planning Toolbox, <https://reselplan-toolbox.eu/>

Coastal Ecosystems: Valorisation and Anthropogenic perturbations

- Global Coasts: <https://www.iucn.org/theme/marine-and-polar/our-work>
- Ecosystem Services: <https://www.iucn.org/commissions/commission-ecosystem-management/our-work/cems-thematic-groups/ecosystem-services>
- Conservation Tools: <https://www.iucn.org/resources/conservation-tools>