

CAPOD Funding Report

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Event /Course Title	Spatial Interaction Modelling Workshop
Date of event	28-29/3/2019

1. Brief description of Event (50-100 words):

This course is designed to equip participants with the skills to build, calibrate and apply spatial interaction models (SIM) suitable for addressing a broad range of research questions. They are widely applied within geography, transportation and the social sciences to predict interactions or flows related to commuting, migration, access to services etc. We built SIM for modelling consumer flows between home and retail stores and explore how we use SIMs to explain and predict flows of humans. We also used R to automate building SIMs to model migration of people in Australia.

2. What were the benefits of attending and what did you gain from the experience in terms of transferable skills and knowledge.

Experience gained on the workshop is going to be of great value in my future teaching skills/knowledge, possible future work or even as an informational knowledge to start new projects around it.

3. What actions will you be taking as a result of attending or by making new networking contacts.

I will definitely use the new knowledge and share it with my peers or students if we have a similar case or a problem. I also met new people (including lecturers), who seem to be promising people to reach out for various different problems in various different disciplines (education, health, economics, ...)

4. Can you share any additional resources produced in connection with the event (e.g. feedback from participants, training resources, website links, and additional materials.

We were given printouts and recently got slides from the workshop. Part of the workshop is also available online and free for everyone to use. https://rpubs.com/adam_dennett/376877

5. Tips/experience learned from the event

It is always useful to attend events and learn skills that are not directly related to your own work, as it both broaden the general knowledge and enables you benefit later from it. I also met people from unexpected disciplines with work I would never connect to this type of analysis and was able see all the different use cases for spatial analysis.

6. Any additional comments or information regarding the event

Workshop was very useful both from the side of new skills and networking. I am going to use my new contact and I hope to be able to use and share my news skills as soon as possible.