

RESEARCH CLINIC

General information

Supervisor:	Paul Behrens
Title of clinic:	Environment impacts of trade
Number of students:	4
Major (<i>if applicable and approved by the Major Convener</i>):	EES
(Pre)requisites (<i>if applicable</i>):	Energy Science

Research context

A large-scale analysis of energy embodied in the global food system has not yet been done. We will do this using a Multi-region Input-Output model. This will give insights into the global energy system, and the food-energy nexus. This is important for investigating the future development of food resources internationally, and the energy requirements for food's production, processing, transport, and consumption.

Students' tasks and activities

Please specify the tasks and activities, timeline, the learning aims and how they are assessed, i.e. what the deliverables will be.

Students will write a literature review of previous research
Students will develop and analyse matlab code for the computing of trade results
Students will write up the results and discussion.

Final delivery will be a scientific report.