







#### EGU 22-910 Scan for more info B.Jansen@uva.nl





# Why start a new program?

- Fewer students interested in traditional earth sciences
- Strong motivation of bright young people to help reach the Sustainable Development Goals
- Combination of natural and social sciences needed to truly address the SDGs.







## Design of Future Planet Studies

#### Scope

- Thematic education
- Interdisciplinary, with natural or social sciences major
- Fundamental theoretical knowledge embedded in applied courses
- Systems Thinking as central paradigm

1st	Energy & Climate Change	Systems	Future Earth	Future Society	Research & Data Analysis S	Academic & 21st Century SI
year	Quality of Life	δο				
2nd	Food & Future Earth or Future Society	Complexity				
year	Water & Future Earth or Future Society	ity Thinking				
3rd	Minor (at home or abroad) or Specialisation	king			Skills	Skills
year	Research Design, Bachelor Thesis & Future Planet Project					



Joint core program

Future Earth major

Future Society major

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Year 1	Toekomstige Uitdagingen, Inr	novatieve Oplossingen (6 EC)		Kwaliteit		
		Toekomstperspectief voor de Samenleving (6 EC)	Energie Transities (6 EC)	Inleiding Milieueconomie (6 EC)	Virtual Globe - Environmental Hazards (6 EC)	Quality of Life Research (6 EC)
	Toekomstperspectief	voor de Aarde (6 EC)		Verzamelen, Visuali		
Year 2	Plant-Soil Practical (3 EC)	Remote Sensing (3 EC)	Programming in R	Challenges for the Blue Planet (6 EC)	Water Management (6 EC)	
	Plant-Soil Interactions in Food Production Systems (6 EC)	World Food and Ecosystems (6 EC)	(3 EC)	From Data to Evidence (3 EC) Digital Earth (3 EC)	Desertification (6 EC)	
	Philosophy of Science (3 EC) Reflexive Design Project (		(6 EC)	Geographical Information	Water Governance of Aquatic	Scenario Planning (6 EC)
	Introduction Spatial Food and the City (6		EC)	Systems (6 EC)	Resources and Environments (6 EC)	(0 20)
	Governance & Systemic Political Economy of Transformation (6 EC) Transnational Food Chains (6 EC)			Spatial Implications of Environmental Change (12 EC)		

Year 3

Minor or study abroad (30 EC)

Research Designs (6 EC)

Bachelor Project (18 EC) Future Planet Project (6 EC)

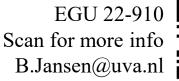


### It works!

- Enrollment increased tenfold.
- Alumni continue in prestigious traditional and interdisciplinary master programs worldwide.

#### But...

• Interdisciplinary research is lagging behind interdisciplinary teaching.









Sofia Caycedo: one of several Future Planet Studies alumni who enrolled in the Environmental Management master at Yale University, USA.

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