

# **Critical Perspective on Governance by Sustainable Development Goals: Water, Food and Climate**

**25-26 June 2018**

**Roeterseiland, University of Amsterdam**

# List of plenary and parallel sessions

## Contents

<b>Plenary Sessions</b> .....	4
25 June Morning: Universities and the SDGs .....	4
25 June Afternoon: Exporting Expertise – Who is aiding whom? .....	4
26 June Morning: Investing in Food, Water and Climate Goals .....	5
26 June Afternoon: The Role of the Netherlands in the SDGs .....	5
<b>Parallel sessions block 1 – 25 June, 11.30-13.00</b> .....	6
1.1 Partnerships for peace .....	6
1.2 Climate, water, food and migration: Information to support adequate responses .....	7
1.3 The food, water and energy nexus – towards a new research and policy agenda .....	8
1.4 The urgency of a diet transition.....	9
1.5 Universal Water Service Coverage: The (im)possibilities of Serving Low-Income Areas.....	10
1.6 Sustainable Development Goals – Making them real in the Circular City.....	11
1.7 Leave Fossil Fuels Underground: Dilemmas and Proposals in the South.....	12
<b>Parallel sessions block 2 – 25 June, 14.00-15.30</b> .....	13
2.1 Conflict, controversy and cooperation in adaptive water management.....	13
2.2 Climate change, energy and the economy: Europe and China compared .....	14
2.3 SDGs, commons and justice in Latin America: What knowledge and actions do we need? .....	15
2.4 Global Challenges: the Global dimensions of local realities.....	16
2.5 The politics around water: how meaningful is an unrealistic goal such as ‘universal access to water for all by 2030’? .....	17
2.6 Co-creating the Circular City: what scientists can contribute .....	18
2.7 Leave Fossil Fuels Underground: Divestment in the North .....	19
2.8 Imagining change: Visions for the Food System and R&I.....	20
<b>Parallel sessions block 3 – 26 June, 11.00-12.30</b> .....	21
3.1 Towards inclusive water services for human wellbeing.....	21
3.2 Joint learning on food security: knowledge co-creation in multi-stakeholder learning platforms ....	22
3.3. The transnationalization of water and landscape through certified export production.....	23
3.4 Measuring SDGs .....	24
3.5 The sustainable human right to water as reflected in the SDGs.....	25
3.6 Managing Climate Risk in Global Cities.....	26
3.7 Delta Dynamics: Dutch masterplans and SDGs, I.....	27

<b>Parallel sessions block 4 – 26 June 13.30-15.00</b> .....	28
4.1. The Role of Universities in relation to the SDGs.....	28
4.2 Shifting Amsterdam Food Systems through institutional work and bottom-up dynamics.....	29
4.3 Can we build sustainable phosphorus governance? .....	30
4.4 The contribution of local knowledge to the Sustainable Development Goals: perspectives on the food, water and climate nexus .....	31
4.5 Illusions of PPPs for Sustainable Development .....	32
4.6 Food security: Trade-offs & scaling.....	33
4.7 Delta Dynamics: Dutch masterplans and SDGs, II .....	34

## Plenary Sessions

### 25 June Morning: Universities and the SDGs

- 9:30-9:40      Opening by Prof. Dr. Maarten Bavinck
- 9:40-10:40     Discussion with Rectors:  
Prof. Dr. Ir. Karen Maex (rector, University of Amsterdam),  
Prof. Dr. Vinod Subramaniam (rector, Vrije Universiteit),  
Prof. Dr. Ir. Arthur Mol (rector, Wageningen University & Research),  
Prof. Dr. Ir. Eddy Moors (rector, IHE Delft Institute for Water Education),
- Moderators:  
Prof. Dr. Isa Baud (former EADI president, previous CERES chairperson)  
Prof. Dr. Brian Burgoon (director of Amsterdam Institute for Social Science Research)
- 10:40-11:00    Scholarly challenges in the SDGs: Water, Food and Climate, by Prof. Dr. Joyeeta Gupta  
(University of Amsterdam, Co-chair UN Environment's Global Environmental Outlook)
- Room:            REC C1.04

### 25 June Afternoon: Exporting Expertise – Who is aiding whom?

- 15:45-15:55    Chair: Prof. Dr. Ir. Eddy Moors (Rector IHE-Delft) 'Exporting expertise and the 'rate of return'
- 15:55-17:15    Speakers:  
Meike van Ginneken – CEO, SNV Netherlands Development Organisation  
Fiona Dove - Executive Director, Transnational Institute  
Dr. Uta Wehn - Project Director of AfriAlliance: Africa-EU Innovation Alliance on Water and Climate
- Moderator: Prof. Eddy Moor, IHE Rector
- Room:            REC C1.04

## 26 June Morning: Investing in Food, Water and Climate Goals

9:30-9:40 Chair: Dr. Pieter van Beukering (Vrije Universiteit Amsterdam): 'Investing in Food, Water and Climate Goals'

9:40-10:30 Speakers:  
Prof. Dr. Pier Vellinga (Vrije Universiteit Amsterdam/Wageningen University & Research), Chairman Supervisory Board FMO, Chairman of the Board of Urgenda;  
Prof. Dr. Ruud Huirne (Wageningen University & Research), Director Food & Agriculture Netherlands, Rabobank;  
Dr. Danielle Hirsh, Director, Both Ends

Discussion

Room: REC C1.04

## 26 June Afternoon: The Role of the Netherlands in the SDGs

15:30-15:40 Chair: Prof. Dr. Joyeeta Gupta

15:40-17:00 Speakers:  
Dr. Wendy van Asbeek Brusse (Director of Inspection Development Cooperation and Policy Evaluation, Ministry of Foreign Affairs)  
Dr. Roeland Allewijn (Director of Security and Water Use, Rijkswaterstaat);  
Dr. Hugo von Meijenfeldt (SDG Coordinator NL, Ministry of Foreign Affairs)

Discussion

Room: REC C1.04

## Parallel sessions block 1 – 25 June, 11.30-13.00

### 1.1 Partnerships for peace

Organizing institute	Amsterdam Business School and CSDS
Convener	Prof. Dr. Ans Kolk
Abstract (about 100 words)	Inter-disciplinary business research on partnerships for peace and sustainable development looks at how companies can partner with local and/or international government and/or civil society actors to provide innovative solutions helping transform fragile societies and economies into more peaceful and stable contexts for the people living there. Companies operating in these settings can cooperate with these partners to improve their understanding of how to operate in a conflict-sensitive way, using enhanced due diligence, so that they make the right strategic and operational choices enabling them to foster peace. This session will explore the latest research as well as examples of partnerships for peace and development.
Focus on SDGs	SDG 16: Peace, Justice and Strong Institutions SDG 17: Partnerships for the Goals SDG 12: Responsible Production & Consumption
Chair of session	Dr. Michelle Westermann-Behaylo
Speakers	1. Prof. Ans Kolk, Amsterdam Business School 2. Dr. Francois Lenfant, Lenfant Research & University of Amsterdam 3. Mark van Dorp, Peace Business Coalition
Format of session	Presentations and discussion
Rapporteur	TBC

## 1.2 Climate, water, food and migration: Information to support adequate responses

Organizing institute	Deltares
Convener	Dr. Karen Meijer
Abstract	This session focuses on how climate services can help to better prepare for and guide climate, water, and food related human migration. Migration can have profound impact on both migrants themselves and on people in receiving areas. It is important to gain a good understanding of where shortage of water and food, exacerbated by climate change and other developments, may lead to migration, in order to inform actions to prevent, guide or prepare for migration. This session combines presentations from both natural and social sciences. The session also shares insights from policy makers/practitioners on the types of migration-related climate services that are required.
Focus on SDGs	SDGs 6, 2, 13
Chair of session	Dr. Karen Meijer
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Karen Meijer (Deltares): Global climate-induced migration projections – numbers, limitations and the use of global models to inform policy-making.</li> <li>2. Dr. Ingrid Boas (Wageningen University and Research): Big data in need of ethnography? The case of human mobility in the context of environmental change</li> <li>3. Dr. Louise van Schaik (Clingendael): Greening land to offer perspective for the African country-side</li> <li>4. Mr. Martin Wyss (IOM-NL): The International Organisation for Migration’s perspectives on water and migration (preliminary title)</li> </ol>
Format of session	Presentations and discussion
Rapporteur	TBC

### 1.3 The food, water and energy nexus – towards a new research and policy agenda

Organizing institutes	Radboud Univeristy Nijmegen, VU University
Conveners	Prof. Marja Spierenburg & Prof. Peter Verburg
Abstract	This session will combine presentations with a round table discussion to discuss possible ways forward regarding the research and engagement plan of the Future Earth Nexus Knowledge Action Network. This plan focuses on mapping and addressing challenges related to food-energy-water connections, and the network aims to contribute to solutions to foster equitable and sustainable access to food, energy and water. Presentations will address nexus modeling, as well as the impacts of poverty and land use on nexus issues.
Focus on SDGs	SDGs 1,2,5,6,7,10,11 and 12
Chair of session	Prof. Marja Spierenburg
Speakers	<ol style="list-style-type: none"> <li>1. Prof. Marja Spierenburg (Radboud)</li> <li>2. Prof. Peter Verburg (VU)</li> <li>3. Dr. Jean Francois Mercure (Radboud University, tbc)</li> <li>4. Dr. Sandrine Paillard, Secretariat Nexus Knowledge Action Network</li> <li>5. Danny Wijnhoud and/or Phillip Kilonzo, ActionAid</li> </ol>
Format session	Presentations and discussion
Rapporteur	TBC

## 1.4 The urgency of a diet transition

Organizing institute	Institute for Environmental Studies (VU)
Convener	Dr. Harry Aiking
Abstract	The Food and Agriculture Organization (FAO, 2010) defines sustainable diets as “protective and respectful of biodiversity and ecosystems, culturally acceptable, accessible, economically fair and affordable, nutritionally adequate, safe and healthy, while optimizing natural and human resources”. Most studies around the world show that current diets do not meet this definition mainly due to the increasing share of meat and dairy products, which are known to be the largest contributors to greenhouse gas emissions while using significant amounts of water. Addressing the water, food and climate-related Sustainable Development Goals, requires a drastic change in diet, simultaneously integrating environmental impact, nutritional adequacy, economic affordability, and cultural acceptability of diets. This session explores several essential issues that this challenge raises. First, we will demonstrate that healthy and sustainable food often go hand in hand. Second, the global implications of dietary shifts are addressed through the Water Footprint Assessment (WFA). Third, we will discuss examples which show that an inclusive and comprehensive transition approach, can lead to a replacement of meat and dairy by plant-based alternatives.
Focus on SDGs	SDGs 2, 13
Chair of session	Dr. Harry Aiking
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Corné van Dooren (Netherlands Nutrition Centre) – Towards a healthy and sustainable diet</li> <li>2. Dr. Joep Schyns (University of Twente) – Reducing the water footprint through a diet transition</li> <li>3. Jeroen Willemsen (Green Protein Alliance) – Inclusive transition across the food supply chain</li> </ol>
Format of session (debate; presentation; etc.)	The session will consist of three presentations followed by a lively debate on the basis of a number of pressing statements.
Rapporteur	TBC

## 1.5 Universal Water Service Coverage: The (im)possibilities of Serving Low-Income Areas

Organizing institute	IHE Delft Institute for Water Education
Convener	Dr. Klaas Schwartz
Abstract	SDG 6.1 calls for universal service coverage by 2030. This ambitious target is even more challenging as it dictates that coverage requires on-premise access to water. The session has two guiding questions. The first question concerns the realism of not only achieving universal access by 2030, but also by doing it through on-premise access? The second question relates to the distribution of responsibilities in providing universal service coverage and investigates what entities bear the responsibility of ensuring universal access? This is done by examining existing challenges and current approaches of water providers to expanding services to and in low-income areas in Kenya, the Philippines and Malawi. Based on these approaches, the session seeks to discuss the question what the (im)possibilities are of achieving universal access through on-premise access by 2030? The session consists of four presentations and a plenary discussion.
Focus on SDGs	SDG 6
Chair of session	Dr. Klaas Schwartz
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Klaas Schwartz, IHE Delft Institute for Water Education, Discussion of the challenges facing water utilities in extending services to those currently unconnected –</li> <li>2. Dr. Phil Torio, IHE Delft Institute for Water Education, Expanding Services in Metro-Manila (Philippines)</li> <li>3. Akosua Boakye-Ansah, IHE Delft Institute for Water Education, Pro-poor services in Kenya – Akosua Boakye-Ansah (IHE/UvA)</li> <li>4. Linda Velzeboer, IHE Delft Institute for Water Education, Water Services in Low-Income Areas in Lilongwe (Malawi)</li> <li>5. Plenary Discussion – The (im)possibilities of achieving target 6.1 of the SDGs</li> </ol>
Format session	Presentations and discussions
Rapporteur	TBC

## 1.6 Sustainable Development Goals – Making them real in the Circular City

Organizing institute	University of Amsterdam, CSDS
Convener	Prof. John Grin & Dr. Michaela Hordijk
Abstract	<p>Sustainable development (SD) is getting real! Until recently, the question whether to go for SD was still contested, and radical steps in that direction were mostly limited to experiments in niches. This has changed. The Paris Agreement has helped to create momentum. SD now shapes social-economic-technological development, despite contestation. We debate its interpretation and <i>how</i> to implement it given the resistance and inertia in current systems.</p> <p>This session focuses on one relevant example: a recently started collaboration between two organizations that collaborate with the municipality of Amsterdam: Waternet (water management, sanitation) and Alliander (energy networks). In 2017, directors of both organizations indicated that they share a serious challenge: transforming their practices and infrastructures in line with the ambition to become truly sustainable (CO<sub>2</sub> neutral; circular); that <i>coupling</i> their activities and networks could offer especially promising opportunities, exploiting the water-energy nexus; and that synchronizing their respective maintenance and adaptation schemes (<i>e.g.</i> climate adaptation, sanitation; gas-free homes) could be beneficial in terms of seizing opportunities and reducing expenses for citizens. These ‘Koppelkansen’ (coupling opportunities) address SDG 6 (water), SDG 7 (Energy) SDG 11 (Sustainable Cities), SDG 13 (Climate Action) and SDG 17 (partnerships).</p> <p>In this session will first briefly present the results from the <a href="#">We Make the City Festival</a> sessions on ‘<a href="#">The Normal Amsterdam Climate</a>’. This is however meant to be an interactive workshop, where after brief presentations we collectively will work on how to take this window of opportunity and learn from other practitioners. This session is part of a double panel. In the subsequent panel after lunch we will reflect on the role of scientist in this process.</p>
Focus on SDGs	SDG 6, 13
Chair of session	Prof. John Grin
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Michaela Hordijk, UvA – “Coupling Water and Energy Infrastructure: The Challenges”</li> <li>2. André Strucker, <a href="#">Waternet</a> - “Coupling Water and Energy Infrastructure: The opportunities”</li> <li>3. Saskia Muller, Stadslab Buiksloterham (<a href="https://buiksloterham.nl/">https://buiksloterham.nl/</a>)</li> </ol>
Format session	Presentations and Interactive workshop
Rapporteur	Lotte Barrance

## 1.7 Leave Fossil Fuels Underground: Dilemmas and Proposals in the South

Organizing institute	CEDLA and GID
Conveners	Prof. Joyeeta Gupta, Prof. Barbara Hogenboom
Abstract	If the global community is to succeed in achieving the 1.5-2°C goal of the Paris Agreement on Climate Change, then global fossil fuel use has to be rapidly phased out. This session examines what such a phase out of fossil fuel means for the South and North-South relations. On the one hand, for many Southern countries fossil fuel is seen as a cheap source of energy and possibly necessary for addressing energy poverty and a source of revenue for national governments. On the other hand, fossil fuel extraction often causes negative environmental and social effects, and local conflicts. We wish to grapple with the dilemmas and proposals to Leave Fossil Fuels Underground.
Focus on SDGs	SDG 13 – climate action  (& SDG 16 (inclusive societies); SDG 8 (inclusive and sustainable growth); SDG 7 (affordable and clean energy); SDG 15 (sustainable land management), SDG 1 (ending poverty); SDG 10 (reducing inequality))
Chair of session	Prof. Joyeeta Gupta
Speakers	<ol style="list-style-type: none"> <li>1. Prof. Barbara Hogenboom: South Challenges on Leaving Fossil Fuels Underground. CEDLA Director and Professor of Latin American Studies at UvA.</li> <li>2. Dr. Coenraad Krijger. IUCN Director. Extractive Conflicts and conservation in the South: challenges on phasing out extractives and the implications for North-South relations.</li> <li>3. Prof. Dirk-Jan Koch, Special Professor of International Trade &amp; Development Cooperation at RUN (also works at the Netherlands Ministry of Foreign Affairs).</li> <li>4. Carolina Valladares, PhD candidate of LFFU project, UvA</li> <li>5. Kyra Bos. PhD candidate of LFFU project, UvA.</li> </ol>
Format session	Presentation/debate
Rapporteur	Carolina Valladares

## Parallel sessions block 2 – 25 June, 14.00-15.30

### 2.1 Conflict, controversy and cooperation in adaptive water management.

Organizing institute	University of Amsterdam and Wageningen University
Conveners	Dr. David Laws and Dr. Jeroen Warner
Abstract	Water management has become a benchmark for adaptive management and a source of insight for both practitioners and researchers. Many approaches to water management fail to acknowledge, however, the potential for conflict and controversy that develops in the shadow cast by a contingent and uncertain future. In this session we analyze the diverging needs and aspirations, contested histories, diverse sources of knowledge, and other features that generate heat in water management. We examine the demands this places on the practitioners responsible for managing water resources and explore how managers and other stakeholders can engage the heat of conflict as part of fostering and sustaining cooperation in water management programs.
Focus on SDGs	SDG6
Chair of session	Dr. David Laws and Dr. Jeroen Warner
Speakers	<ol style="list-style-type: none"><li>1. Dr. Anamika Barua, IIT Guwahati (Assam)</li><li>2. Dr. Madeline Winnubst, Utrecht University</li><li>3. PBL representative (TBC)</li></ol>
Format session	Presentation and discussion
Rapporteur	Dr. Jeroen Warner

## 2.2 Climate change, energy and the economy: Europe and China compared

Organizing institute	International Institute of Asian Studies, University of Amsterdam
Conveners	Dr. Mehdi P. Amineh
Abstract	<p>The main focuses of the panel are trade-offs made by governments in the pursuit of the objectives of reducing Greenhouse Gas (GHG) Emissions from fossil energy consumption and stimulating economic security and growth.</p> <p>To achieve the objective of reducing GHG Emissions, government avail of two main policy instruments: market forces and monetary incentives. The shale revolution demonstrates that relying on market forces fossil-fuels may outcompete clean energy substitutes.</p> <p>The question is to what extend the institutional context of the capitalist world economy and the territorial state-system, these policy instruments will be succeed?</p>
Focus on SDGs	SDG 13, SDG 7
Chair of session	Dr. Mehdi P. Amineh
Speakers	<ol style="list-style-type: none"> <li>1. Prof Dr. Kornelis Blok (TU Delft, Faculty of Technology, Policy and Management)</li> <li>2. Dr. Wina Crijns-Graus (Copernicus Institute &amp; Utrecht University)</li> <li>3. Dr. Paul Behrens (Leiden University, Energy and Environmental Change)</li> <li>4. Suzanne Nieuwveld (UvA)</li> </ol>
Format session	Presentation and discussion
Rapporteur	Niek Ong

## 2.3 SDGs, commons and justice in Latin America: What knowledge and actions do we need?

Organizing institute	CEDLA-UvA
Conveners	Prof. Barbara Hogenboom, CEDLA-UvA
Abstract	Latin America has a long history of struggles for livelihoods and over access to natural resources. Despite community-based resource governance, mobilization for the protection of commons and an increase of formal environmental rights, unsustainable extractive projects and environmental injustice continue to expand throughout the region. Can SDGs help to turn the tide? This panel discusses the potential and limitations of SDGs on food, water and climate, focusing on agriculture, fossil fuel extraction and hydro dams. The objective is to formulate and connect transnational research questions and courses of action.
Focus on SDGs	SDGs 2, 13, 16, 6
Chair of session	Prof. Barbara Hogenboom
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Maíra Borges Fainguelernt, Universidade Estadual de Campinas</li> <li>2. Dr. Fabio de Castro, CEDLA-UvA</li> <li>3. Dr. Emilie Dupuits, Swiss National Science Foundation (SNSF) postdoc</li> <li>4. Dr. Barbara Hogenboom, CEDLA-UvA</li> <li>5. Dr. Karen Siegel, University of Glasgow</li> <li>6. Carolina Valladares, CEDLA-UvA</li> <li>7. Tatiana Roa, CENSAT-Friends of the Earth Colombia</li> <li>8. Eva Schmitz, Both Ends</li> <li>9. Ilke Adriaans, SOMO</li> </ol>
Format session	Roundtable
Rapporteur	TBC

## 2.4 Global Challenges: the Global dimensions of local realities

Organizing institute	Institute for Environmental Studies, Vrije Universiteit
Conveners	Prof. Peter Verburg, Dr. Ted Veldkamp, Prof. Philipp Pattberg
Abstract	<p>This session aims to discuss the role and needs for a global perspective in achieving the SDGs. The role of international collaboration and governance will be discussed in the context of telecoupling between world regions and potential tradeoffs between locations worldwide. Local solutions to sustainability challenges may lead to displacement and leakage of impacts. Limited resources and tradeoffs require a global perspective in implementing the SDGs.</p> <p>The session will start with a number of short perspective on the issue. After that an interactive discussion will address the needs, potentials and challenges of international coordination in implementing the SDGs.</p>
Focus on SDGs	SDGs 2, 13, 15
Chair of session	Prof. Peter Verburg
Speakers	<ol style="list-style-type: none"> <li>1. Prof. Peter Verburg: Introduction to the panel ‘The global dimensions of local realities’ (7 min), Vrije Universiteit</li> <li>2. Prof. Philipp Pattberg: An earth system governance perspective to SDG challenges (7 min), Vrije Universiteit</li> <li>3. Dr. Arjen de Vries, Global challenges require local action (10 min), Acacia Water</li> <li>4. Dr. Ted Veldkamp: Water and the local-global challenge (7 min), VU</li> </ol>
Format session	Presentations and discussion
Rapporteur	TBC

## 2.5 The politics around water: how meaningful is an unrealistic goal such as ‘universal access to water for all by 2030’?

Organizing institute	IHE Delft Institute for Water Education
Conveners	Dr. Gabriela Cuadrado-Quesada
Abstract	The operational implementation at the country level of the SDG agenda is deeply complex. This session has three guiding questions that consider this complexity. The first concerns the decision-making process at the international level? How are decisions being taken at the international level that set such unrealistic goals? Who is deciding what and why? The second question relates to the commitments (under a voluntary process) of countries in assuming such goals. What are the responsibilities of the countries? What happens if the commitments are not reached? The third question relates to what is actually happening at the local level to provide and guarantee water for all. Is there a link with the SDGs and local policies and practices? The session consists of four presentations that will address these questions and illustrate them with case studies, and a plenary discussion.
Focus on SDGs	SDG 6, SDG 13
Chair of session	Margreet Zwarteveen, IHE-Delft
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Gabriela Cuadrado-Quesada, IHE Delft</li> <li>2. Dr. Hameed Jamali, IHE Delft</li> <li>3. Tatiana Acevedo-Guerrero, IHE Delft</li> <li>4. Zaki Shubber, IHE Delft</li> </ol>
Format session	Presentations and discussion
Rapporteur	Dr. Gabriela Cuadrado

## 2.6 Co-creating the Circular City: What scientists can contribute

Organizing institute	University of Amsterdam, CSDS
Conveners	Dr. Michaela Hordijk and Prof. John Grin
Abstract	<p>Co-creation has often been hailed as a promising approach for sustainability transitions. This started as a ‘triple helix’, in which government, private sector and citizens organizations join efforts and resources to address for instance climate adaptation challenges. More recently this has widened to the ‘quadruple helix’, to include knowledge institutes. The programme <a href="#">Kennisactiewater</a> offers an example of such a quadruple helix. It supports the co-creation process in which Waternet, Alliander and the Municipality of Amsterdam explore the options of coupling water and energy infrastructures to enable energy and resource recovery from the water cycle (see morning session on the circular city). Scientists participating in Kennisactiewater facilitate the co-creation process, but also have a role of reflexive participant. Reflexive participation requires from scientist to directly apply their scientific insights, even if still ‘under construction’. Being part of the co-creation process enhances the chances that insights developed in ongoing research projects can already be used in real-life settings, and enhances societal relevance of our work. Our experience however taught us how time-consuming co-creation is. It also gives raise to ethical dilemmas, and the knowledge produced in the co-creation process still needs significant processing and ‘translation’ to gain credibility in the world of science. Hence: although the approach is appealing on paper, it does come with its inherent difficulties. This session is meant to be an interactive working session, relevant for both practitioners and scientists. After two short presentations of co-creation experiences, we will work on the dilemmas and challenges co-creation creates. The gap between science and practice has been often debated. This session does not aim to repeat that discussion. Instead we want to focus on what we can learn from the co-creation processes ongoing, and debate how we can best handle the challenges these present.</p>
Focus on SDGs	SDG 6, 11, 13, 17
Chair of session	Dr. Michaela Hordijk
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Andrew Segrave, KWR Watercycle Research Institute; “Co-creation in the Circular City: Experiences of a Reflexive Participant”</li> <li>2. Dr. Linda van de Kamp, UvA - “Knowledge Co-creation for Urban Brownfield Transformations: A process in the Buiksloterham (Amsterdam) and the Binckhorst”</li> <li>3. Henk Jan van Alphen, KWR – “Co-creation and Multiple Value Creation”</li> </ol>
Format session	Presentations and Interactive workshop
Rapporteur	Lotte Barrance

## 2.7 Leave Fossil Fuels Underground: Issues in the North

Organizing institute	Governance and Inclusive Development
Conveners	Prof. Dr. Joyeeta Gupta and Prof. Dr. Courtney Vegelin
Abstract	If the global community is to succeed in achieving the 1.5-2°C goal of the Paris Agreement on Climate Change, then global fossil fuel use has to be rapidly phased out. This session examines how Northern countries are addressing the issue of divestment, which factors promote divestment, and which factor hinder divestment.
Focus on SDGs	SDG 13 (to lesser extent SDG 7 & 8)
Chair of session	Dr. Courtney Vegelin
Speakers	<ul style="list-style-type: none"> <li>• Prof. Wim Turkenburg, University of Utrecht: technologies and the role of science and policy</li> <li>• Prof. Joyeeta Gupta, University of Amsterdam: stranded fossil fuel assets, risks and the role of aid agencies</li> <li>• Liset Meddens, Fossilvrij NL: the divestment movement</li> <li>• Donald Pols, Mileudéfensie: climate change law suit against Shell</li> <li>• Mark van Baal, Follow This: responsible shareholders in Shell: mission, results, barriers and vision for the future</li> </ul>
Format session	Presentation and debate
Rapporteur	Kyra Bos

## 2.8 Imagining change: Visions for the Food System and R&I

Organizing institute	FIT4FOOD2030 EU project/Vrije Universiteit
Conveners	Dr. Renée de Wildt-Liesveldt and Amy Berkhout, FIT4FOOD2030, VU
Abstract	The current way of producing, processing, transporting, consuming and wasting food is not sustainable, particularly if we want to provide food and nutrition security for our future generations. During this interactive workshop we will bring stakeholders from diverse walks of life together to imagine the food system we'd like to see in the future, and how Research & Innovation (R&I) can play a role in making this happen. This workshop is part of the EU-funded FIT4FOOD2030, supporting the European Commission to develop the FOOD 2030 policy framework and make our food system more diverse, sustainable and resilient. The results of the workshop will directly feed into the Amsterdam City Lab being set up by the Vrije Universiteit Amsterdam. The City Lab seeks to better connect food initiatives in the city to researchers and to work together to develop a set of educational activities that meet community needs and build competences.
Focus on SDGs	SDG 2
Chair of session	Amy Berkhout
Speakers	None—Workshop format with various participants
Format session	Workshop
Rapporteur	TBC

## Parallel sessions block 3 – 26 June, 11.00-12.30

### 3.1 Towards inclusive water services for human wellbeing

Organizing institute	Simavi and AISSR-UvA
Conveners	Dr. Sara Ahrari and Dr. Nicky Pouw
Abstract	Access to improved water and sanitation is critically important to human wellbeing globally – in particular to people’s health, food, and living environment. Contaminated water sources spread diseases directly via human use, or indirectly via the food system and the environment. Women and men perform different roles and responsibilities in water and sanitation. Especially in rural areas, women are more often the providers and users of water and custodians of household hygiene. Gender intersects with other socio-economic and political factors shaping access to water and sanitation. In this session we will debate how more inclusive sustainable water and sanitation services in diverse settings (e.g. urban, rural) can be pursued, implemented and monitored? Moreover, what is the role of different stakeholders in taking-up responsibility for inclusive sustainable water services delivery to the poor and marginalized?
Focus on SDGs	SDG 6, SDG 3; SDG 5
Chair of session	Dr. Nicky Pouw
Speakers	<ol style="list-style-type: none"> <li>1. Raquel dos Santos, IHE Delft</li> <li>2. Dr. Leon Hermans, Delft University of Technology</li> <li>3. Sara Ahrari, Simavi</li> <li>4. Nikki Versteeg, Simavi</li> </ol>
Format session	Presentations and discussion
Rapporteur	Tamara Jonkman
Envisioned output:	Policy Brief on Inclusive sustainable water services for human wellbeing

### 3.2 Joint learning on food security: Knowledge co-creation in multi-stakeholder learning platforms

Organizing institute	University of Amsterdam and Wageningen University & Research
Conveners	Dr. Edith van Ewijk and Dr. Ir. Annemarie van Paassen
Abstract	Food security is closely linked to land degradation, climate change and water. To improve food security, Dutch, EU and global policies promote partnerships and platforms in which stakeholders engage, exchange knowledge and cooperate. These policies assume that collaborative partnerships can contribute to poverty alleviation and food security by pooling academic knowledge with NGO's experience of local circumstances and market-oriented financing and an enabling government. This should lead to usable knowledge for policy, entrepreneurs and farmers, while a market-oriented approach would enhance efficiency. However, knowledge co-creation and collaboration in transdisciplinary partnerships does not occur automatically. Deep-rooted work practices and the way in which stakeholders are rewarded and held accountable pose barriers to effective and efficient knowledge exchange and co-creation processes across sectors. The technical orientation of some researchers in innovation platforms hinders systemic problem identification and collaboration to solve critical problems. Moreover, as most partnerships and platforms are donor driven, ownership and sustainability are major issues. This session brings together experiences with public-private partnerships and learning and innovation platforms at local to international levels with a special focus on sub-Saharan Africa.
Focus on SDGs	SDG 2, 17
Chair of session	Adrie Pappa (consultant, former Associate Director at Oxfam International)
Participants	<ol style="list-style-type: none"> <li>1. University of Amsterdam: Dr. Mirjam Ros-Tonen and Dr. Yves van Leynseele</li> <li>2. Wageningen University &amp; Research, Prof. Dr. Ir. Cees Leeuwis and Dr. Ir. Laurens Klerkx</li> <li>3. Utrecht University/ LANDac: Gemma Betsema and Emilinah Namaganda</li> <li>4. Africa Study Centre Leiden (ASCL)/ INCLUDE: Prof. Dr. Marleen Dekker</li> <li>5. Ministry of Foreign Affairs: Dr. Melle Leenstra, Food Security &amp; Development Advisor</li> <li>6. Royal Tropical Institute (KIT): Dr. Anna Laven, Senior advisor Sustainable Economic Development</li> <li>7. SNV Netherlands Development Organisation: Floortje Jacobs, Public-Private Partnerships Advisor</li> <li>8. J.Th. Douque's Koffie B.V./ A. VAN WEELY B.V., Frank Kraaijkamp, Trader/ advisor</li> <li>9. Ewoud de Groot, Fair Match Support, Senior Supply Chain Developer</li> <li>10. Food and Business Knowledge Platform: person tbc</li> </ol>
Format session	Open debate on three key challenges - Fish Bowl
Rapporteur	Yves van Leynseele.

### 3.3. The transnationalization of water and landscape through certified export production

Organizing institute	Wageningen University
Conveners	Dr. Jeroen Vos
Abstract	<p>Increased global trade in agricultural commodities has boosted fresh water consumption. This export of ‘virtual water’, embedded in products sold abroad, has increasingly affected local communities and ecosystems, especially in arid regions. Recent initiatives to certify exported agricultural production are showing a rapidly growing interest in considering water issues within schemes of quality assurance, sustainable production and fair trade, as part of corporate social responsibility programs. The certification started with the product itself, and broadened to the producer, and now starts to encompass the landscape. The “landscape approach” and “water stewardship” initiatives show some positive results, but also face many challenges. One of the main difficulties is acknowledging the complex local diversity in conditions and meanings attributed to water and the landscape, while at the same time try to communicate a simple message of stewardship to consumers. This session presents examples of current water sustainability certification schemes and water offsetting/compensation projects, and their (potential) effects. The presented examples include case from export vegetable production from the South of Spain and flower production from the Andean mountains in Ecuador, and newest developments in certification by frontrunner organizations Solidaridad and IDH (The Sustainable Trade Initiative).</p>
Focus on SDGs	SDG 6
Chair of session	Dr. Jeroen Vos
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Jeroen Vos, Wageningen University &amp; Research</li> <li>2. Arvid van Dam, University of Leeds</li> <li>3. Katie Minderhoud, Solidaridad</li> <li>4. Representative IDH (TBC)</li> </ol>
Format session	Presentations and discussion
Rapporteur	TBC

### 3.4 Measuring SDGs

Organizing institute	Amsterdam Business School
Conveners	Dr. Michelle Westermann-Behaylo & Prof. Ans Kolk
Abstract	The SDGs are supported by a framework of targets and indicators that will help stakeholder keep track of achievement toward SDG objectives. This session reviews innovations in technology, reporting, and other mechanisms that promote monitoring, measuring, communicating, as well as accelerating progress toward the goals. Scholars will reflect on the latest research evaluating SDG initiatives and progress so far. Private and civil society actors will explain developments in the field in measuring and determining impact toward the SDGs
Focus on SDGs	All
Chair of session	Prof. Ans Kolk
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Francois Lenfant, Lenfant Research &amp; University of Amsterdam</li> <li>2. Andre Baart, University of Amsterdam</li> <li>3. Els Boerhof, Goodwell Investments</li> <li>4. Diana van Maasdijk, Equileap</li> <li>5. Rosemarijn van der Meij, FMO (TBC)</li> </ol>
Format session	Presentations and discussion
Rapporteur	Dr. Michelle Westermann-Behaylo

### 3.5 The sustainable human right to water as reflected in the SDGs

Organizing institute	Utrecht Centre for Water, Oceans and Sustainability Law (UCWOSL)
Conveners	Dr. Otto Spijkers
Abstract	In SDG6, States pledged to “ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity”. This, and other references in the SDGs, could be read as referring to the importance of giving “special regard to the requirements of vital human [water] needs.” This priority on satisfying vital human water needs is based on Article 10 UN Watercourses Convention (UNWCC). In its Draft articles on the law of the non-navigational uses of international watercourses and commentaries thereto of 1994, which formed the basis of the UN Watercourses Convention of 1997, the International Law Commission explained that giving special regard to the requirements of vital human water needs meant that “special attention is to be paid to providing sufficient water to sustain human life, including both drinking water and water required for the production of food in order to prevent starvation”. Providing all individuals with sufficient freshwater is also necessary to ensure all individuals enjoy an adequate standard of living; a human right we find in Article 11 ICESCR. This link was developed in General Comment no. 15 of the ESCRC and the numerous resolutions on the human right to water adopted by the Human Rights Council, from which we can conclude that the human right to water has been considered a “derivative” right, included in the right to an adequate standard of living provided in article 11 of the ICESCR. In this panel, we aim to link Article 11 ICESCR and Article 10 UNWCC to some of the pledges made in the SDGs, SDG6 in particular.
Focus on SDGs	SDG6 and SDG15
Chair of session	Dr. Otto Spijkers
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Daphina Misiedjan</li> <li>2. Dr. Otto Spijkers (UCWOSL)</li> <li>3. Dr. Michelle Barnard (North-West University, South-Africa)</li> <li>4. Dr. Antoinette Hildering (University of Amsterdam)</li> <li>5. Dr. Pedi Obani (IHE, Delft)</li> </ol>
Format session	Presentations and discussion
Rapporteur	TBC

### 3.6 Managing Climate Risk in Global Cities

Organizing institute	Institute for Environmental Sciences, VU
Conveners	Dr. Elco Koks and Prof. Jeroen Aerts
Abstract	Cities are the backbone of the global economy, with over 80% of the global GDP generated in cities. Especially in developing countries, this process of urbanization continuous to increase. As cities develop, their exposure to climate and disaster risk also increases. Incorporating resilience in the development of these cities is therefore of utmost importance. In this session, we will explore what is needed to incorporate resilience in a cities' decision-making process and will identify best practices in urban climate adaptation. We will not only aim to pinpoint the needs of the decision-maker, but also the modelling needs of estimating the risk of cities to climate change and how open source data can be used to do so.
Focus on SDGs	SDGs 11, 13
Chair of session	Prof. Jeroen Aerts
Speakers	<ol style="list-style-type: none"> <li>1. Prof. Chris Zevenbergen, UNESCO – IHE</li> <li>2. Dr. Elco Koks, University of Oxford</li> <li>3. Shristi Vaidya, Deltares</li> </ol>
Format session	Presentations & open discussion
Rapporteur	TBC

### 3.7 Delta Dynamics: Dutch masterplans and SDGs, I

Organizing institute	Both Ends, University of Amsterdam
Conveners	Dr. Giacomo Gali, Dr. Arjen Zegwaard, Andres Verzijl
Abstract (about 100 words)	<p>Increased global trade in agricultural commodities has boosted fresh water consumption. This export of ‘virtual water’, embedded in products sold abroad, has increasingly affected local communities and ecosystems, especially in arid regions. Recent initiatives to certify exported agricultural production are showing a rapidly growing interest in considering water issues within schemes of quality assurance, sustainable production and fair trade, as part of corporate social responsibility programs. The certification started with the product itself, and broadened to the producer, and now starts to encompass the landscape. The “landscape approach” and “water stewardship” initiatives show some positive results, but also face many challenges. One of the main difficulties is acknowledging the complex local diversity in conditions and meanings attributed to water and the landscape, while at the same time try to communicate a simple message of stewardship to consumers. This session presents examples of current water sustainability certification schemes and water offsetting/compensation projects, and their (potential) effects. The presented examples include case from export vegetable production from the South of Spain and flower production from the Andean mountains in Ecuador, and newest developments in certification by frontrunner organizations Solidaridad and IDH (The Sustainable Trade Initiative).</p>
Focus on SDGs	SDGs 6, 13
Chair of session	Prof. Margreet Zwarteveen
Speakers	<ol style="list-style-type: none"> <li>1. Shahnoor Hasan (IHE-Delft)</li> <li>2. Michel Tonneijck (Royal Haskoning DHV)</li> <li>3. Marthin Hadiwinata (KNTI, Indonesia)</li> <li>4. Maarten Gischler (Ministry of Foreign Affairs)</li> <li>5. Andres Verzijl, UvA</li> <li>6. Rachel Thompson (Harvard University)</li>   <li>7. Moderator: Dr. Jenniver Sehring (IHE-Delft)</li> </ol>
Format of session (debate; presentation; etc.)	Presentations & discussants
Rapporteur	Raquel da Silva

## Parallel sessions block 4 – 26 June 13.30-15.00

### 4.1. The Role of Universities in relation to the SDGs

Organizing institute	UvA-AISSR & & Het Groene Brein
Conveners	Dr. Nicky Pouw & Dr. Boris Jansen
Abstract	Bridging the gap between natural science, social science and non-academic stakeholders is crucial if we aspire to tackle the challenges posed by the complex interactions between people, water, food and climate as presented by the SDGs. Therefore, an increasing number of research projects and academic teaching takes an interdisciplinary and even transdisciplinary approach. In addition, collaboration of academia with policy and practice is sought to deliver impact more effectively and contribute to societal change. This does not only come with challenges and opportunities, but also begs a number of questions. For example: What role can Universities play in Interdisciplinary and transdisciplinary research and teaching on the SDGs? How can Universities contribute to the SDGs, whilst at the same time maintain a critical stance and conduct fundamental research?
Focus on SDGs	All
Chair of session	Dr. Nicky Pouw
Speakers	Dr Boris Jansen, University of Amsterdam, Dr Nicky Pouw, University of Amsterdam Dr Coyan Tromp , University of Amsterdam Dr Crelis Remmelt, Future Planet Studies Mr Mark Beumer (Groene Brein)
Format session	Presentation and discussion
Rapporteur	Tamara Jonkman
Remark(s) and suggestions	Envisioned output: Policy Brief on the The Role of Universities in relation to the SDGs

## 4.2 Shifting Amsterdam Food Systems through institutional work and bottom-up dynamics

Organizing institute	University of Amsterdam
Conveners	Dr. Mendel Giezen
Abstract	The urban food system of Amsterdam has to undergo large shifts in order to contribute to the achievements of the SDG's. Luckily, there is currently a lot of dynamic bottom up and top down initiatives that are trying to make a change. This session brings together two researches. Firstly a research by prof. dr. Arnold van der Valk on the establishment of the new food council in Amsterdam. Secondly, a research project SURFING (Shifting Urban and Regional Food Systems in a Global Perspective) undertaken by Toby Jones and dr. Mendel Giezen which looks at institutional work undertaken by primarily bottom-up initiatives. Toby Will present his findings from the Amsterdam case study. But the largest part of the session is dedicated to discussing with the initiatives and the audience on what actions should be taken to establish a more sustainable urban food system.
Focus on SDGs	SDG 2: End to Hunger/ SDG 12 Responsible Consumption and Production
Chair of session	Dr. Mendel Giezen
Speakers	<ol style="list-style-type: none"> <li>1. Prof. Arnold van der Valk, Wageningen University</li> <li>2. Toby Jones</li> <li>3. Several Initiatives involved in the food system Amsterdam</li> </ol>
Format session	Presentations and round table discussions
Rapporteur	Toby Jones
Remark(s) and suggestions	

### 4.3 Can we build sustainable phosphorus governance?

Organizing institute	Department Political Science, University of Amsterdam
Conveners	Dr. Robin Pistorius
Abstract	Phosphorus is an essential element to food production. This is reflected by the widespread use of phosphorus fertiliser (globally about 17Mt P per annum). The main source of phosphorus fertiliser is rock phosphate and 80% of mined phosphate is used directly for fertilisers. Rock phosphate is, however, a finite resource. At the same time, and ironically too, many countries show a significant phosphorus surplus caused by intensive bio-industry externalities, causing serious environmental- and health related problems. In our presentation we will a.o. investigate the Dutch case in this regard, and suggest existing and potential governance options to tackle these externalities.
Focus on SDGs	SGDs: 15, 2, 12
Chair of session	Dr. Robin Pistorius
Speakers	<ol style="list-style-type: none"> <li>1) Dr. Robin Pistorius (UvA)</li> <li>2) Marissa de Boer (UvA)</li> <li>3) Naomi van Dijk (UvA)</li> <li>4) Charlotte Nugteren (UvA)</li> </ol>
Format session	Presentations
Rapporteur	TBC

#### 4.4 The contribution of local knowledge to the Sustainable Development Goals: perspectives on the food, water and climate nexus

Organizing institute	Athena Insitute (VU) & International Fund for Agricultural Development, Italy (IFAD)
Conveners	Dr. Sarah Cummings and Helen Gillman
Abstract	<p>Knowledge is important for achieving all of the SDGs. As stated in a 2016 report from the UN Joint Inspection Unit, knowledge has the potential to break down silos and is a natural integrating factor for all stakeholders in the implementation of Agenda 2030 (Dumitriu 2017). Knowledge is indispensable to individuals, communities, enterprises, governments and the global community, and is thus an intrinsic part of sustainable development. This recognition has led to the development of the Agenda Knowledge for Development (K4D), which includes a set of knowledge for development goals. The Agenda K4D is designed to complement the SDGs by providing an integrated approach to knowledge-related challenges that directly influence the achievement of the SDGs. Indeed, Knowledge Development Goal 3 is focused on ‘Strengthening local knowledge ecosystems.’ Local knowledge – also known as indigenous, community and traditional knowledge – is particularly important to the food, climate and water nexus because it is often considered to represent adaptation to the local environment. Despite this general recognition, it features marginally in the SDGs with only one reference to traditional knowledge as a subset of genetic resources under ‘Goal 2: End hunger, achieve food security, and improved nutrition, and promote sustainable agriculture.’ Given that all development needs to start from the local people and the local context, how can local knowledge receive more prominence and greater attention in development policy, practice and research? In this panel discussion, the panelists will explore important issues related to local knowledge from their institutional (academic, policy, practice) and own personal perspectives. We would like to ask the panelist to address the following points in their ‘presentations’:</p>
Focus on SDGs	All
Chair of session	Dr. Sarah Cummings and Helen Gillman
Speakers	<ol style="list-style-type: none"> <li>1. Dr Oluyede (Olu) Ajayi, Senior Programme Coordinator, ACP – EU Technical Centre for Agricultural and Rural Cooperation, Wageningen</li> <li>2. Dr Sarah Cummings, Athena Institute, VU University Amsterdam/Knowledge for Development Partnership, Austria (Chair)</li> <li>3. Helen Gillman, Senior Knowledge Management Specialist - Global Engagement, Knowledge &amp; Strategy Division, International Fund for Agricultural Development (IFAD), Italy</li> <li>4. Dr Melle Leenstra, Knowledge Policy Coordinator, Food and Nutrition Security Cluster, Inclusive</li> <li>5. Green Growth Department, Netherlands Ministry of Foreign Affairs</li> <li>6. Prof. Annemarie van Paassen, Chair Group of Knowledge Innovation &amp; Technology (KTI), Wageningen University (tbc)</li> <li>7. Dr Barbara Regeer, Athena Institute, VU University Amsterdam</li> </ol>
Format session	Workshop
Rapporteur	Akosua Glasbergen, MSc Health and Life Sciences Based Policy, VU University Amsterdam

## 4.5 Illusions of PPPs for Sustainable Development

Organizing institute	Governance and Inclusive Development
Conveners	Prof. Joyeeta Gupta and Jerry van den Berge
Abstract	<p>Dutch government policy has shifted from pro-Public sector to pro-Private sector. The Dutch ministry of FA promotes PPPs as a tool for development cooperation and for reaching the SDGs: PPPs are a condition to obtain government funding (e.g. FDW). This is driven by the neo-liberal dogma that a market is the most efficient way of delivering services, despite mounting evidence that the private sector does not deliver expected benefits.</p> <p>PPPs (and related privatization / land and water grab) undermine food sovereignty and local, public water resource management and counteract food production by smallholders (SDG2) and public water supply (SDG6). The session looks at dangers and pitfalls of PPPs, at financing of the SDGs and at the global push for PPPs by institutions such as the World Bank.</p>
Focus on SDGs	SDG 2, 6 and 13
Chair of session	Prof. Joyeeta Gupta
Speakers	<ol style="list-style-type: none"> <li>1. Jerry van de Berge, EUSAIN</li> <li>2. Dr. Siobhan Airey, TNI (Transnational Institute)</li> <li>3. David Boys, Public Service International,</li> <li>4. Maria Jose Romero, EURODAD</li> <li>5. Pim van der Male (Ministry of Foreign Affairs (MinBuZa))</li> </ol>
Format session	Presentations and open discussion
Rapporteur	Kyra Bos

#### 4.6 Food security: Trade-offs & scaling

Organizing institute	Amsterdam Centre for World Food Studies, Vrije Universiteit Amsterdam
Conveners	Dr. Jasper van Vliet ( <a href="mailto:Jasper.van.vliet@vu.nl">Jasper.van.vliet@vu.nl</a> )
Abstract	Progress towards food security (SDG2) might affect other developments, positively or negatively. In this session we discuss how we can study these trade-offs in a rigorous way: What do we know about existing trade-offs, and the potential for scaling solutions, related to food security and how can these be moderated? We address these challenging scientific, but highly policy-relevant, questions drawing from a diverse range of research projects from selected regions in Europe, Africa and Asia. In addition, representatives from IFPRI and the Dutch Ministry of Foreign Affairs will present the way these issues are addressed in their respective work programmes.
Focus on SDGs	Main focus: 2, with explicit relations to 1, 3, 13, and 15, and potentially others
Chair of session	Dr. Jasper van Vliet
Speakers	<ol style="list-style-type: none"> <li>1. Prof. Remco Oostendorp, Amsterdam Centre for World Food Studies (ACWFS)</li> <li>2. Prof. Peter Lanjouw, ACWFS</li> <li>3. Dr. Lia van Wesenbeeck, ACWFS</li> <li>4. Dr. Dirk Essink, ACWFS</li> <li>5. Dr. Alemayehu Seyoum Taffesse, IFPRI</li> <li>6. Dr. Melle Leenstra (Ministry of Foreign Affairs)</li> </ol>
Format session	Presentations and discussion
Rapporteur	TBC

## 4.7 Delta Dynamics: Dutch masterplans and SDGs, II

Organizing institute	Both Ends, University of Amsterdam
Convener	Dr. Giacomo Gali, Dr. Arjen Zegwaard, Andres Verzijl
Abstract	<p>Increased global trade in agricultural commodities has boosted fresh water consumption. This export of ‘virtual water’, embedded in products sold abroad, has increasingly affected local communities and ecosystems, especially in arid regions. Recent initiatives to certify exported agricultural production are showing a rapidly growing interest in considering water issues within schemes of quality assurance, sustainable production and fair trade, as part of corporate social responsibility programs. The certification started with the product itself, and broadened to the producer, and now starts to encompass the landscape. The “landscape approach” and “water stewardship” initiatives show some positive results, but also face many challenges. One of the main difficulties is acknowledging the complex local diversity in conditions and meanings attributed to water and the landscape, while at the same time try to communicate a simple message of stewardship to consumers. This session presents examples of current water sustainability certification schemes and water offsetting/compensation projects, and their (potential) effects. The presented examples include case from export vegetable production from the South of Spain and flower production from the Andean mountains in Ecuador, and newest developments in certification by frontrunner organizations Solidaridad and IDH (The Sustainable Trade Initiative).</p>
Focus on SDGs	SDGs 6, 13
Chair of session	Dr. Margreet Zwarteveen
Speakers	<ol style="list-style-type: none"> <li>1. Elaine Alwayn (Ministry of Infrastructure and Water)</li> <li>2. Leon Dulce (Kalikasan PNE, Philippines)</li> <li>3. Maaïke van der Aalst (Deltaris, VU)</li> <li>4. Moderator: Dr. Jenniver Sehring (IHE-Delft)</li> </ol>
Format of session (debate; presentation; etc.)	Fishbowl
Rapporteur	Raquel da Silva