

Asia-Netherlands Water Learning Week 2017

*Effective water management for agriculture
in water-insecure Asia*

1-7 October, 2017
The Netherlands

Program



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1. Organization and Contact

1.1. Organization contacts

Asian Development Bank (ADB)

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Netherlands Water Partnership (NWP)

Mr. Peter Prins NWP Learning Week Coordinator
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Mrs. Sandra Borst NWP Logistics Coordinator (prior to Learning Week)
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Mrs. Suzanne Tietema NWP Back Office Coordinator during Learning Week
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1.2. Emergency information

The emergency number is 112

The non-emergency number is 0900 8844. You will be connected to your local police station. You can also visit www.politie.nl for information and more emergency contact details.

To leave an anonymous tip (to report a crime) you can call 0800 7000 or visit the website.

If your passport has been stolen, contact your embassy immediately for instructions as to what to do next. You generally need to make a statement at a police station to start any kind of official procedure (insurance, applying for a new passport etc.).

Health emergencies in the Netherlands

In emergency medical situations you can call an ambulance. You can also visit A&E (Accident & Emergency – “Spoedeisende Hulp”) but if a doctor could have treated the situation, you may be charged for this or refused treatment without a referral. You can ask the hotel for sending a doctor or what the nearest address is, or you can call a helpline for information; fees may apply: national line for information on all medical services: 0900 1515 (24/7)

Amsterdam region (Stichting Huisartsen Dienstenposten Amsterdam, SHDA): 088 003 0600

The Hague (Huisartsendienst SMASH): 070 346 9669

2. The Program

The learning week which began in 2012 is organized annually based on a specific theme to stimulate dialogue and knowledge sharing between experts, policy makers, and practitioners from the Asia-Pacific region and The Netherlands. It provides a venue for an intensive program focusing on how to leverage results from collaborative approaches in water investment for countries, cities, river basins and deltas.

This year is the 6th Asia-Netherlands Water Learning Week and it focuses on the theme: "Climate Adaptive Food Production in Water-Insecure Asia".

ADB will deliver this year's learning week in collaboration with the Netherlands Water Partnership (NWP), working closely with other institutions in the Netherlands such as IHE Delft, Wageningen University, government agencies, companies and other relevant entities with support from ADB's Water Financing Partnership Facility.

3. Water & Agriculture in the Netherlands

3.1. Background to the Theme of the Learning Week

Development of agriculture and appropriate water management are inextricably linked. The Netherlands, a low lying country in the delta of the Rhine river had to deal not only with the flow of the rivers, but also with the threats of the sea. Almost 40 % of the country is situated below sea level. More than 400 years of interventions in water systems turned out to be very successful. The people can live safely, protected by a thoroughly designed system of dikes and other flood protection works.

Agricultural development received a boost by reclaiming land from the sea, the construction of polders, customized water management, all embedded in a favorable system of policy and government, including water authorities. Optimizing water management for agriculture resulted in amazing figures of economic growth. Nowadays The Netherlands is one of the most densely populated countries in the world and at the same time the second largest exporter of agricultural products worldwide, after the US. Close collaboration between government, research and farmers/private sector (golden triangle) was a key factor for success.

However, technical interventions in the water system and intense agricultural practices also placed negative impacts on the environment. Stakeholders need to collaboratively find a new balance, to achieve sustainable agriculture by reducing its impact on water resources. The challenge is not only to reinvent the relevance of close collaboration between government, research and private sector partners, but also to identify ways to include ecological aspects in agricultural production and water management. The relationship between soil and water management is seen as one of the key aspects in a more integrated approach on water and agriculture. Dealing with salinization is another issue which is back on the agenda, since sea level rise and seepage have their impact on agricultural production in the coastal areas. Transforming salty soils (bottom of the former sea) to fertile agricultural land was already in the genes of Dutch engineers and farmers. Nowadays the Dutch have to deal with scarce fresh water resources, which inspires innovative action to find practical and affordable solutions.

4. Introduction to the Program

4.1. General Introduction

What can be learned from The Netherlands' impressive agricultural development? Which interventions on water management had the most impact and why? In the 5-day learning week, we will discuss the relationship between agriculture and water management from several angles: from the perspective of the government, academe, and private sector as well as societal organizations.

During the week, we want to inspire participants to set feasible policy goals and to design multi-stakeholder projects and processes to achieve water efficiency in agriculture. By encouraging the participants to present their own case studies, we want to foster exchange of experiences and to establish a community of practice under the umbrella of ADB to safeguard the learned principles.

This program looks at theoretical and governance aspects (national policy, legal framework, scientific information/research) during the first two days. Days three to five offer a wide array of learning opportunities from presentations as well as field visits to illustrate the challenges and impacts of theories discussed during the first two days.

4.2. Objective of the study tour

The objective of this Learning Week is to provide insight and tools to achieve more impact from policy and projects on water and agriculture.

4.3. Overarching themes

Water governance, water accounting and water productivity, smart water management, climate smart agriculture, effective models for knowledge dissemination amongst farmers, and upscaling good practices on water and agrofood, participatory and multi stakeholder processes.

4.4. Learning Goals

The Learning Goals of the week are as follows:

- Tools for cooperative governance
- Increase awareness on the relevance of a legal framework
- Share examples of implementation plans for policy goals
- Gain knowledge on how to set up productive stakeholder involvement
- Introduce participants to innovative and practical techniques to improve water management employed by leading partners, public and private
- Exchange insights on cross-sectoral approaches, such as the circular economy and the water-energy-food nexus through practical examples
- Provide information that can directly be applied in the participants' respective professional environments
- Expand participants' network to include leading Dutch private and public organizations in the sector

4.5. Approach and set up of the learning week

Participants will get an impression of the state of the art Dutch water management for agriculture, especially experiences which are applicable to the Asian context. Inclusive agricultural growth needs commitment of relevant stakeholders. Awareness, sense of urgency and knowledge dissemination are crucial. Integrated solutions are often required but mostly there is a lack of knowledge on how to set up and to execute. Economic incentives are often mentioned as drivers for change; however, there is a lack of understanding on which are these factors and how should they be applied? How and in which kind of issues can public-private partnerships be a solution?

Participants will explore opportunities and the added value of demand driven and multi stakeholder projects, bridging gaps between government, science and the grass root level. Participants will be encouraged to set up innovative arrangements in effective water management. The suggested approach expects good preparation from the delegation members to maximize the result of the Learning Week. Prior to the Learning Week, participants will be requested to share the description of their cases, requested specific learning goals, their own objectives, and their ideas on how to use the outcome of the Learning Week. These will be shared with the organizers of the Learning Week in order to optimize the program and set up.

During the week several learning methods will be applied. The overall goal is to foster a pro-active and interactive setting, to achieve a dynamic and inspiring environment.

Therefore, a variety of learning modalities (classroom lectures, roundtable discussions, presentations, field visits, pre-week online learning) will be included. The possibilities will be discussed with the lecturers and the hosts of our distinct parts of the program. Much attention will be given to ways of effective knowledge management. Not only when it comes to implementation of projects, but also during this course.

4.6. Main themes of the Learning Week

The Learning Week is focusing on the following five main themes:

1. River Basin Management & Fresh Water Supply
2. Sustainable Agriculture
3. Water Conservation in Upstream Areas
4. Challenges in the Downstream Areas and Salinization
5. Water Governance

In the below table the main learning objectives and program elements per theme are summarized.

Main themes:	Main program elements:
Theme 1: River Basin Management & Fresh Water Supply	
<ul style="list-style-type: none"> • National Institutional and legal frameworks for Water and for Agriculture • Multi stakeholder processes at catchment level • How to achieve cross sectoral approaches • Learning from other ADB-projects, exchange of knowledge and experience 	<ul style="list-style-type: none"> • Welcome and kick off • Visit Ministry of Infrastructure & Environment
Theme 2: Sustainable Agriculture	
<ul style="list-style-type: none"> • State of the Art Agricultural Research and Adaptive Strategies to climate change • Model collaboration Research, Government, Farmers' Organizations / Private sector ('Golden Triangle') • Integral model for development: science-policy-action • Sharing results of Wageningen University projects in the Asian region • Introduction smart information systems 	<ul style="list-style-type: none"> • Visit Wageningen UR • Visit Eurofins Agro (guided tour)
Theme 3: Water Conservation in Upstream Areas	
<ul style="list-style-type: none"> • Strategies to deal with drought • Effective ways to conserve fresh water • Fine tuning water management • Smart irrigation systems • Stakeholder involvement 	<ul style="list-style-type: none"> • Visit Water Authority (Eastern Netherlands) • Presentation Dutch Cadaster • Field visit
Theme 4: Challenges in the Downstream Areas and Salinization	
<ul style="list-style-type: none"> • Innovative ways to store fresh water in a saline environment • Subsidence of soils • Drainage • Perspective of Internet of Things for water management and awareness (training) 	<ul style="list-style-type: none"> • Field visit provinces of Flevoland and Noord Holland • Evaluation meeting / presentation of results and lessons learned by ADB delegation members
Theme 5: Water Governance	
<ul style="list-style-type: none"> • Governance, involvement of users. Organizational model waterboards • How to set up pro-active processes and projects 	<ul style="list-style-type: none"> • Included in visits to Water Authorities • Visit to Ministry

4.7. General Overview of the Learning Week Program

Day	Main Topics	Key Activities	Accommodation
30 sept (Saturday)		Arrival in the Netherlands	The Hague
1 Oct Sunday	General introduction to the Learning Week	Introduction Group presentations	The Hague
2 Oct Monday	Framework Agriculture and Water Management of the National Level	Presentations and interactive working sessions	The Hague
3 Oct Tuesday	State of the Art Research on Agriculture, Water and Climate Change	Presentations Guided tour	Zwolle
4 Oct Wednesday	Water Conservation in Upstream Areas	Field trip Presentation	Zwolle
5 Oct Thursday	Challenges in lowland areas: experiences in a recently reclaimed polder (Province of Flevoland)	Presentation Field trip	Zwolle
6 Oct Friday	Salinization in the coastal zone and fresh water conservation: pilot in the Province of Noord Holland.	Field trip Group presentations Wrap Up	Amsterdam
7 Oct Saturday		Check out and start return travel	Amsterdam

5. Detailed Program

Prior to Arrival

Each country delegation prepares one 5 minute presentation (5 slides max) about their expectations of the study tour and the challenge they face regarding source protection and disaster risk management. Template for the slide presentation will be distributed by the ADB via email.

Sat Sep 30 th	Arrival and check in Hotel	
<i>Time and location</i>	<i>What</i>	<i>Content</i>
The Hague	Arrival at Schiphol Airport Take the train to The Hague (on own occasion) Check-in at hotel	Hotel: Hampshire Babylon, The Hague, Bezuidenhoutseweg 53 2594 AC Den Haag Tel. +31 (0)70 381 49 01

Sun Oct 1 st		General introduction to the Learning Week	
Time and location	What	Content	
14:00 – 14:55 Hampshire Babylon Hotel, room “Lange Voorhout” Lobby before meeting room	Claim stipend from Pia Reyes Hand in your country (powerpoint) presentation	<i>Please bring your passport, original boarding passes and receipts</i>	
15:00 – 18:00 15:00 – 16:00	Kick off and introduction to the program NL moderator introduction on the program and participants and Word of Welcome by ADB Welcome by Mr. Michiel de Lijster (ADB) Introduction to Water & Agriculture in the Netherlands By Mr. Peter Prins (Netherlands Water Partnership)	Introduction of participants and organizing team. Discuss the objectives and program of the learning week. Short country presentations by delegations about water/food challenges and their expectations of the study tour. The presentations are per country (not per participant), max 5 minutes each. <ul style="list-style-type: none"> - Afghanistan, Bangladesh, Cambodia, India, Indonesia, Laos, Mongolia and Pakistan Learning objective: to learn about the water/food related key issues/challenges of the participating countries and their learning objectives for the study tour <ul style="list-style-type: none"> - Discuss the objectives of the learning week - House rules and reminders 	
16:00 – 16:45	Part 1: presentation by country delegations <i>(Afghanistan, Bangladesh, Cambodia and India)</i>		
16:45 - 17:00	Coffee / tea break		
17:00 – 18:00	Part 2: presentation by country delegations <i>(Indonesia, Laos, Mongolia and Pakistan)</i> -wrap up of the session		

Sun Oct 1 st		
General introduction to the Learning Week		
Time and location	What	Content
18:00 – 18:15	Walk to Restaurant Poentjak	
18:15 – 20:00	Joint dinner at Restaurant Poentjak	Kneuterdijk 16, 2514 EN Den Haag
> 20:00	Evening at own convenience	

Mon Oct 2 nd		
Framework Agriculture and Water Management of the National Level		
Time and location	What	Content
08:15	Assembly at Hotel Lobby	
08:15 – 08:30	Walk from hotel to Ministry of Infrastructure & Environment	Rijnstraat 8, 2515 XP Den Haag
09:00– 10:30 Room X.406 - X.407	Setting the scene / background of the Netherlands Ministry of Infrastructure & Environment Ministry of Economic Affairs Ministry of Foreign Affairs	Bring your passport!
9:00 – 09:45	River basin management and Fresh Water Supply (Institutional Framework) <i>Speaker: Mr. Martien Beek (Ministry of Infrastructure and Environment)</i>	The government of the Netherlands is planning ahead in the Delta Programme, in which various authorities and other organizations collaborate. It is an effective long term multi-level governance planning and financing mechanism that aims to protect the Netherlands against flooding and intends to ensure supplies of freshwater, now and in the future. The legal basis of the Delta Programme is contained in the Delta Act. This Act also sets out the tasks and authority of the Delta Commissioner and the establishment of the Delta Fund. Learning objectives:
9:45 – 10:30	Agriculture Value Chain and Climate Change (Dutch policy and the relation with EU policies on agriculture) <i>Speaker: Mrs. Monique Remmers (Ministry of Economic Affairs)</i>	

Mon Oct 2 nd		Framework Agriculture and Water Management of the National Level	
Time and location	What	Content	
		<ul style="list-style-type: none"> • Learning basic principles of Dutch water management • Sharing major trends and challenges • Safety levels • Role of EU on policies agriculture and water 	
10:30 – 11:00	Transfer to IHE Delft Institute for Water Education by bus	IHE Delft Institute for Water Education, Westvest 7, 2611 AX Delft	
11:00 – 12:30	Introduction to IHE, Education, capacity building and scientific research at IHE-Delft <i>Speakers: Rectorate & Liaison Office</i>	Familiarization with the diversity and programs of IHE	
12:30 – 13:30	Joint Lunch	<i>Lunch courtesy of IHE Delft</i>	
13:30 – 15:00	Water Accounting , A common measurement and reporting system accessible to all stakeholders <i>Speaker: Wim Bastiaanssen & Elga Salvadore</i> Group exercise Experiences from FutureWater, eLEAF, Neelen & Schuurmans	Learning objectives: <ul style="list-style-type: none"> • Learning on power of big data sets and data sharing attitude. Understand how water accounting can be used for longer term water resources planning • Demonstrate role of private sector in implementing applications 	
15:00 – 15.30	Break		

Mon Oct 2 nd Framework Agriculture and Water Management of the National Level		
<i>Time and location</i>	<i>What</i>	<i>Content</i>
15:30 – 17:00	<p>Water Productivity, increasing benefits from water</p> <p><i>Speaker: Xueliang Cai & Jonna van Opstal (IHE)</i></p> <p>Introduction to FAO Database on Water Productivity (WAPOR): http://www.fao.org/in-action/remote-sensing-for-water-productivity/en/</p> <p>Group exercise</p> <p>Experiences from Broere Hortitech, Delphy and Aequator</p>	<p>Learning objectives:</p> <ul style="list-style-type: none"> • Demonstrate how SDG and other indicators can be derived from remote sensing data • Discussing the needs to upscale WaPOR from Africa to Asia • Demonstrate role of private sector in implementing applications
17:00 – 18:30	<p>Boat transport to dinner location and city walk</p> <p>Guided by NWP</p>	<i>Boat transportation around the city</i>
18:30 – 20:00	Joint Dinner with the speakers of the day in restaurant Peking	Brabantse Turfmarkt 78, 2611 CP Delft
20:00 – 20:30	Transfer from Delft to The Hague by bus	
> 20:30	Evening at own convenience	

Tues Oct 3 rd State of the Art Research on Agriculture, Water and Climate Change		
<i>Time and location</i>	<i>What</i>	<i>Content</i>
< 07:30	Check-out from hotel	
08:00	Assembly at Hotel Lobby	<i>Please bring your luggage to the bus.</i>
08:00 -10:00	Bus transfer from hotel to Wageningen University	Droevendaalsesteeg 4, 6708 PB Wageningen

Tues Oct 3rd		
State of the Art Research on Agriculture, Water and Climate Change		
Time and location	What	Content
10:00 – 10:45 (Forum, building 102, Room C318)	Welcome and introduction to Wageningen University & Research Dr. Ir. Bram de Vos, Managing director Wageningen University and Research, Environmental Science Group	
10.45 – 12:00	Drainage and irrigation in agricultural water management. Experiences with guiding and leveraging results from water investment through concerted efforts on science, policy and action. <i>Speaker: Dr. Wouter Wolters, Knowledge broker WEnR (Alterra)</i> Interactive Session	Learning objectives: <ul style="list-style-type: none"> • Sharing experiences on applied research on drainage and irrigation in countries like Pakistan and Egypt • Understanding the benefits of bringing knowledge and policy further into reality.
12:00 – 13:30	Joint Lunch: Restaurant of the Future	
13.30 – 14:15	Climate change and Agriculture: how to cope with extreme weather events and salinization <i>Speaker: Dr. Jan Verhagen (scientist Wageningen Plant Research)</i>	Learning objectives: <ul style="list-style-type: none"> • Sharing experiences collaboration research, government and private sector partners • Introduction to Agro Climate Calendar • Adaptation strategies to stress (drought, salinization)
14.15 – 15:00	Resource Use Efficiency and Circular Economy – Cooperation with the private sector <i>Speaker: Dr. Oscar Schoumans (Senior Scientist, coordinator Value Chain development)</i>	Learning objectives: <ul style="list-style-type: none"> • To understand the possibilities to improve the efficiency of nutrient use through a circular economy and related investments • Perspective circular economy Asia • To understand the possibilities to gain nutrients from bio-mass to reduce the loss to surface and groundwater
15.00 – 15:30	Transfer by bus to Eurofins Agro (5 min by bus)	

Tues Oct 3rd		
State of the Art Research on Agriculture, Water and Climate Change		
Time and location	What	Content
15.30 – 17:30	Information systems for smart agriculture <i>Speakers:</i> <i>dr. Martin Vervoorn CEO Eurofins Agro</i> <i>dr. Arjan Reijneveld (product manager Eurofins Agro)</i> <i>Visit laboratory Eurofins Agro</i>	Learning objectives: <ul style="list-style-type: none"> • Introduction to innovative testing methods (crops, manure, soil, water, food safety) • Insight relation soil characteristics, water buffering capacity and irrigation management of the farmer • Introduction relation quality agricultural products and input efficiency
17:30 – 18:00	Transfer to restaurant in Wageningen	
18.00 – 19:30	Joint Dinner at Wageningen in Restaurant My Asia	My Asia, Hoogstraat 9, 6701 BJ Wageningen
19.30 – 20:30	Bus transfer from Wageningen to Zwolle	
> 20:30	Check-in at Lumen Hotel, and evening at own convenience	Hotel Lumen, Stadionplein 20, 8025CP Zwolle

Wed Oct 4th		
Water Conservation in Upstream Areas		
Time and location	What	Content
08:30 (Room 17L)	Proceed to meeting room at Hotel Lumen	
08:30 - 09:10	Presentation Land Consolidation as tool for effective water management <i>Speaker: Mr. Carlo Vromans (Dutch Cadaster)</i>	Learning objectives: <ul style="list-style-type: none"> • Introduction to history of Dutch land consolidation (objectives and benefits) • Legal framework • Relation with spatial planning, water planning • Process design and stakeholder involvement • How to apply took in Asian context?
09:10– 09.40	Introduction land consolidation project Rijssen <i>Speaker: Mrs. Charlotte Gillet (Dutch Cadaster)</i>	

Wed Oct 4th		
Water Conservation in Upstream Areas		
<i>Time and location</i>	<i>What</i>	<i>Content</i>
09:45 - 10:30	Transfer to Rijssen (45 min)	
10:30 – 12:00	Field Visit to land consolidation project Rijssen Travel by boat along the river Regge (guided by Mrs. Charlotte Gillet and expert Water Board Vechtstromen)	Learning objectives: <ul style="list-style-type: none"> • Getting insight in operational aspects land consolidation projects • How to deal with land use functions and conflicting requirements in water management • Insight in ecological aspects of good water management
12.30- 13.30	Joint Lunch in restaurant de Swarte Ruijter	De Swarte Ruijter, Holterbergweg 7, 7451 JL Holten
13:30 – 14:15	Travel from Rijssen to Haaksbergen	
14:15 – 15:45	Field visit Climate Adaptive Water Management, hosted by Water Board Vechtstromen <i>Speaker: Mr. Bas Worm</i> <i>Introduction to Climate Adaptive Drainage (CAD) and sub-irrigation:</i> <i>Gé van den Eertwegh, PhD. / KnowH2O</i> <i>Ruud Bartholomeus, PhD. / KWR</i>	Learning objectives: <ul style="list-style-type: none"> • Brief introduction sewage water treatment plant and its meaning for agricultural land use in the neighborhood • Innovative ways to reuse treated waste water for agricultural purposes • Introduction climate adaptive drainage systems (infiltration and discharge of fresh water)
15:45 – 16:30	Travel Haaksbergen to Almelo, headquarters Waterboard Vechtstromen	Kooikersweg 1, 7609 PZ Almelo
16.30- 17:15	Introduction to Waterboard Vechtstromen <i>Speaker: Mr. Stefan Kuks, chairperson Waterboard Vechtstromen</i>	Learning objectives: <ul style="list-style-type: none"> • Introduction in role Dutch Waterboards (governance, policy, operational tasks, legislation) • Insight relation policy and implementation of climate adaptation measures: role of stakeholders

Wed Oct 4 th Water Conservation in Upstream Areas		
Time and location	What	Content
17:15 – 18:00	Travel Almelo to Zwolle	
18:30 – 20:00	Joint Dinner in Zwolle in restaurant Taiwan	Luttekestraat 8, 8011 LR Zwolle
> 20:00	Evening at own convenience	

Thurs Oct 5 th Challenges in lowland areas: experiences in a recently reclaimed polder (Province of Flevoland)		
Time and location	What	Content
08:30	Assembly at Hotel Lobby	
08:30- 09:00	Travel to Lelystad (30 min) Waterboard Zuiderzeeland	Lindelaan 20, 8224 KT Lelystad
09:00 – 09:10	Welcome and Brief Introduction to Waterboard Zuiderzeeland <i>Speaker: Member of Board (tbc) or Mr. Rens Huisman</i>	Learning objectives: <ul style="list-style-type: none"> • Design of stakeholder processes and recognizing the distinguished stakeholders (several stakeholders will be invited: LTO Noord, Aequator, Acacia Water, outstanding farmers) • Sharing results of grass root driven projects on water and soil management
09:10 – 09:45	Water and Soil Management: collaboration with the Farmers' Community <i>Speaker: Mr. Rob Nieuwenhuis (Waterboard Zuiderzeeland)</i>	
09:45 - 10:15	Subsidence of soils and drainage <i>Speaker: Mrs. Margeet Vermeer</i>	Learning objectives: <ul style="list-style-type: none"> • Causes and intervention to prevent subsidence of soils • Introduction to drainage systems, their purposes and potential • Climate adaptive design of drainage systems • Measures to prevent drought stress
10:15 – 10:30	Coffee Break	
10:30 – 11:30	Water quality: the impact of agricultural land use <i>Speaker: Mr. Bert van der Bosch</i>	

		Learning objectives: <ul style="list-style-type: none"> • Knowing environmental impact of the use of nutrients and crop protection agents on water ecology • Overview of tools to achieve a sustainable water management (legal, technical, communication)
11:30 – 11:45	Travel to restaurant	
12:00 – 13:00	Joint Lunch in restaurant Monica & Winston	Stadhuisplein 4, 8232 ZX Lelystad
13:10 – 13:30	Transfer to Dronten	
13:30-14:15	Visit farm fam. Vermeulen Quality of agricultural soils in the Netherlands Trends and projects <i>Speaker: Mr. Everhard van Essen (Aequator)</i>	Learning objectives: <ul style="list-style-type: none"> • Sharing models for knowledge dissemination and raising awareness among large groups of farmers • Demo practical education tools to improve insight relation soil/water • Introduction to multi purpose drainage systems (discharge and infiltration) • Sharing strategy how to deal with conflicts of interests in water management? • Demo solar pump for infiltration
14.30 – 15:00	Transfer to Schokland	
15:00 - 15:45	Visit farm fam. Kappers, Nagelerweg Drainage systems to reduce subsidence of soils (peat /clay) Introduction to pilot Schokland by Mr. Jaco van der Gaast (Acacia Water)	
16:00 – 17:30	Guided visit of former island of ‘Schokland’ (World Heritage Site) https://schokland.nl/en/ Drinks and snack	
18:00 – 18:30	Travel to Zwolle via Ramspol Storm Surge Barrier Guided visit by <i>Mr. Koos Hartnack</i> (Rijkswaterstaat)	Learning objective: <ul style="list-style-type: none"> • Introduction to inflatable flood barrier
19:00	Dinner at own convenience in Zwolle (till 9 PM)	
21:00	Assembly at bus for travel back to Hotel	

Fri Oct 6 th		Salinization (Province of Noord Holland)
Time and location	What	Content
08:00	Check-out from Hotel	
08:30 - 09:30	Transfer to Breezand via dike Lelystad-Enkhuizen	
09:30 09:30 – 10:00	Site visit of farm in Breezand Fresh water conservation in a saline environment (coastal area, project Spaarwater) <i>Speakers: Dr. Jouke Veldstra and Sieger Burger (Acacia Water)</i> http://www.spaarwater.com/pg-27227-7-101924/pagina/spaarwater.html	Learning objectives: <ul style="list-style-type: none"> • How to deal with salinization as political sensitive issue (social aspects) • Conservation of fresh water in sandy soils • Introduction of monitoring tools
10:00 – 10:30	Knowledge dissemination and challenges to upscale innovations in agriculture <i>Speaker: Mr. Jacob Dogterom (Delphy)</i>	Learning objectives: <ul style="list-style-type: none"> • Effective models for knowledge dissemination among farmers • Innovations in communication with farmers • Examples of applied research • Supportive roles government and private sector
10:45 – 11:30	Field visit with presence of several companies (AKVO, Delphy, Broere Hortitech)	
11:30 – 12:30	Transfer to Amsterdam by bus	Hotel Novotel: Europaboulevard 10, 1083 AD, Amsterdam
12:30 – 14:00	Joint Lunch at hotel <i>(with agencies and partners)</i>	Learning objectives: Summarizing take home experiences Interaction and informal contact experts
14:00 – 15:00	Preparation of Group Presentations	
15:00 – 16:30	Group Presentations and discussion on achieved learning goals	

Fri Oct 6th		
Salinization (Province of Noord Holland)		
<i>Time and location</i>	<i>What</i>	<i>Content</i>
16:30 – 17:00	Certificates, Group Photo and Closing By moderator	
17:00	Evening at own convenience in Amsterdam	

Sat Oct 7th		
Check out and start return travel		
<i>Time and location</i>	<i>What</i>	<i>Content</i>
	Day at own convenience in Amsterdam	
	Travel from Novotel to Schiphol Airport by on own convenience <i>(Novotel is a 5-minute walk from the train station Amsterdam Rai. From this station to train station Amsterdam Schiphol is a direct line, only 11 minutes)</i>	

6. Practical Information

6.1. ADB Reminders for DMC Participants

- Claiming of allowances will be on 30 September, 2pm at the Hampshire Babylon Hotel, “Lange Voorhout” Lobby. Please bring your passport, original boarding passes, and other receipts. Look for **Pia Reyes**.
- ADB has prepaid your room/accommodations. You may still be requested to provide a nominal amount or credit card as deposit to cover any additional expenses (room service, snacks, damage to hotel property, etc.). Any additional expenses incurred will be on your account. ADB will not reimburse you for this.
- Please submit official receipts for all three hotels to Pia Reyes after every check-out.

6.2. Local Information

Local Time: CEST (Central European Summer Time)

Currency: Euro (EUR).

Languages: Dutch

Dial Codes: (Country Code +31) (Area Code: 70)

Electricity: Power sockets are of type C and F. The standard voltage is 230 V and the standard frequency is 50 Hz. Depending on where you are coming from you might need a power adapter to charge your electronics.



6.3. Weather and Climate

The Netherlands is a country that boasts a typical maritime climate with mild summers and cold winters. Wind and rain are common throughout most of the year with July and August being the wettest months, and March the driest. September and October considered shoulder seasons – between summer and winter.

The average temperature during October is about 16°C-17°C or 60°F-63°F. Umbrellas and sweaters should be packed regardless of what time of year you plan on visiting.

Because the Netherlands features flat landscapes, wind may be a concern for tourists, especially during the winter and summer months. Winds are typically much stronger along the coast than they are further inland.

6.4. Upon Arrival

You will be arriving to Amsterdam Airport Schiphol and will be expected to arrange your own transportation to your hotel in Hague: Babylon Hampshire in Den Haag (The Hague). The hotel is located an average of 30 minutes from the airport by train. There are several transportation options within the airport. **WE STRONGLY SUGGEST YOU TAKE THE TRAIN.**



Train

The train offers a reliable mode of transportation for travelers. The train station at Amsterdam Airport Schiphol is located at the arrival floor, directly below the terminal complex. You can buy tickets either at the ticket desk on the arrivals level or at the yellow machines using Euro coins or credit/debit cards. The train ticket will cost you approximately 9 EUR.

Directions: Get in a train with DEN HAAG CENTRAL as final destination. From the train it is only a two minute walk to the hotel (follow signs New Babylon or Hampshire Hotel Babylon)

Taxi – NOT RECOMMENDED

Taxi Companies at the Hague

- Taxi HTMC: +3170 390 77 22
- Orange Taxi Services: +31 70 319 1731

Taxis - From Amsterdam Airport to hotel

There are plenty of taxis just outside the main entrance to arrivals and the train station level at the airport. Travelers are advised to choose a taxi from the line and not from random individuals claiming to offer this service to ensure safety and also to avoid being overcharged. In addition, you can book a taxi at Amsterdam Schiphol Airport in advance. GTR is a popular service for taxi reservations in Amsterdam Airport. A taxi from the airport to your hotel in Hague will cost approximately 73 EUR. **Note: ADB will not reimburse taxi fares.**

6.5. Money Exchange

You can exchange money at The Hague's Central Train Station (Den Haag Centraal). Look for the GWK Travelex at The Hague Central Station.

6.6. Shops in the Netherlands

Opening hours:

- Monday: 13:00 - 18:00
- Tuesday to Friday: 9.30 – 18:00
- Shopping night: Thursday Zwolle or Friday till 21:00 city centre
- Saturday: 10:00 – 17:00
- Sunday 12:00 – 17:00 city centre

6.7. Important addresses

- Bus company "Van Heugten Tours", Westvlietweg 110, 2495 AD Den Haag, +31 70 415 3066. Driver Arthur Spaan +31 6 52084486
- Hotel Hampshire Babylon, Bezuidenhoutseweg 53, 2594 AC Den Haag, + 31 70 381 4901
- Hotel Lumen Zwolle, Stadionplein 20, 8025 CP Zwolle, + 31 88 147 1471
- Hotel Novotel Amsterdam, Europaboulevard 10, 1083 AD Amsterdam, +31 20 721 9179
- Restaurant Poentjak, Kneuterdijk 16, 2514 EN Den Haag, + 31 70 360 0522
- Ministry of Infrastructure & Environment, Rijnstraat 8, 2515 XP Den Haag, + 3170 339 3939
- IHE Delft Institute for Water Education, Westvest 7, 2611 AX Delft, + 31 15 215 1715
- Restaurant Peking, Brabantse Turfmarkt 78, 2611 CP Delft, + 31 15 214 1100
- Wageningen University & Research, Droevendaalsesteeg 4, 6708 PB Wageningen, + 31 317 480 100
- Eurofins, Binnenhaven 5, 6709 PD Wageningen, + 31 88 876 1010
- Restaurant My Asia, Hoogstraat 9, 6701 BJ Wageningen, + 317 411 029
- Restaurant de Swarte Ruijter, Holterbergweg 7, 7451 JL Holten, + 31 548 96660
- Waterboard Vechtstromen, Kooikersweg 1, 7609 PZ Almelo, + 31 88 220 3333
- Restaurant Taiwan, Luttekestraat 8, 8011 LR Zwolle, + 31 38 421 1458
- Waterboard Zuiderzeeland, Lindelaan 20, 8224 KT Lelystad, + 31 320 274 911
- Restaurant Monica&Winston, Stadhuisplein 4, 8232 ZX Lelystad, +31 320 213035

7. List of Delegates

PAKISTAN

Mr. Noor Pirkani Ahmed, Secretary, Balochistan Government
Mr. Muhammad Saleem Awan, Secretary, Balochistan Government

MONGOLIA

Mr. Bayartulga Lkhagvasuren, State Secretary, Ministry of Food, Agriculture and Light Industry
Ms Erdenetuya Darinchulun, ADB Desk Officer, Ministry of Finance
Ms. Erdenetsetseg Gunchinjav, Senior Officer, Ministry of Food, Agriculture and Light Industry
Ms. Naranchimeg Luvsansharav, Senior Specialist for Agricultural Sector, Ministry of Finance

INDIA

Mr. M. Mohammed Salim Babu, Executive Engineer, Water Resources Department, Tamil Nadu
Mr. Thiruvettai Sellam Raman, Executive Engineer, Water Resources Department, Tamil Nadu
Mr. Basappa Gunge Mallikarjun, Managing Director, Water Resources Department, Government of Karnataka

BANGLADESH

Mr. I.M. Reazul Hasan, Superintending Engineer and Project Director, Ministry of Food, Agriculture and Light Industry
Mr. Md. Rafius Sazzad, Executive Engineer, Bangladesh Water Development Board

CAMBODIA

H.E. Chann Sinath, Project Director/Deputy Director General, Ministry of Water Resources and Meteorology (MOWRAM)
Mr. Mao Hak, Hydrology Officer/Deputy Director General, MOWRAM
Mr. Huy Vantha, Project Manager/Director, MOWRAM
Dr. Chan Saruth, Director General, Ministry of Agriculture, Forestry and Fisheries

LAO

Mr. Boupka Kaona, Deputy Director of Irrigation Science Research Center, Ministry of Agriculture and Forestry
Ms. Soulivanh Voravong, Deputy Head of International Cooperation Sector, Planning and Cooperation Division, Ministry of Agriculture and Forestry
Mr. Khammal Vongsathiene, Deputy Director General, Ministry of Agriculture and Forestry

INDONESIA

Mr. Heru Setiawan, Head of Sub Directorate of Cooperation, Ministry of Public Works and Housing

Ms. Maria Christina Kurniawati, Staff of Planning, Directorate of Irrigation and Low Land, Ministry of Public Works and Housing

Mr. Agus Pudjijono, Head of Procurement Service Unit, Ministry of Public Works and Housing

Mr. Lenny Febriana Ideawati, Auditor I and Inspectorate I, Ministry of Public Works and Housing

ASIAN DEVELOPMENT BANK

Ms. Cindy Malvicini, Principal Portfolio Management Specialist

Mr. Eric Quinceau, Senior Water Resources Specialist

Mr. Frank Radstake, Principal Environment Specialist

Mr. Jan Hindrichs, Natural Resources Economist

Mr. Michielde Lijster, Senior Water Resources Specialist

Mr. Nathan Rive, Climate Change Specialist

Ms. Pia Reyes, Water Resources Officer

Mr. Raza Farrukh, Water Resources Specialist

Ms. habbano Tirmizi, Water Resources Specialist

Ms. Sisavanh Phonavong, Senior Project Officer

Ms. Suzanne Marsh, Water Resources Specialist