



Water Harvesting 3R

Training 2

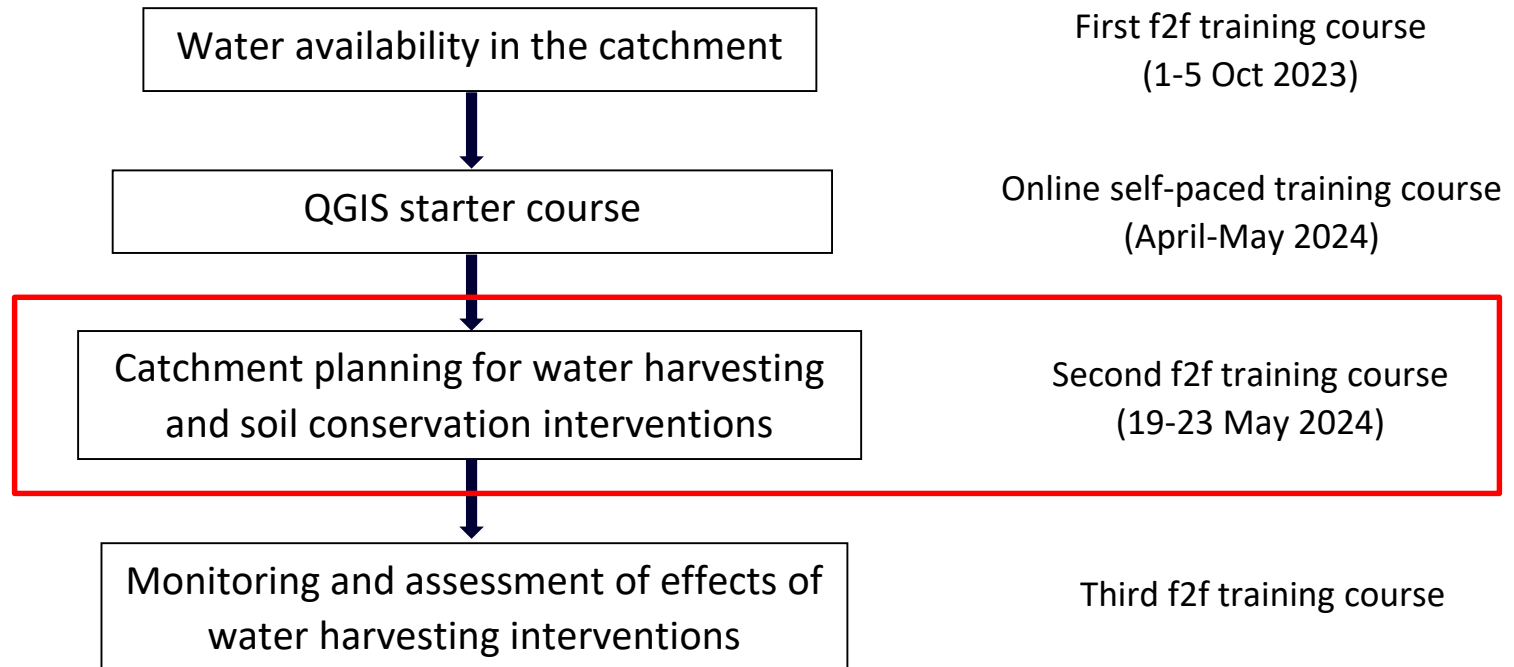
Catchment Planning for Water Harvesting and Soil Conservation Interventions

Amman – Al Muwaqqar

19-23 May 2024

Water Harvesting 3R

Training schedule



Learning objectives

1. Gain insights on different types of water harvesting structures and soil conservation measures in a catchment;
2. Conduct suitability mapping for interventions at the catchment scale;
3. Learn from water harvesting structures in Jordan;
4. Make a catchment plan for water harvesting and soil conservation interventions

Training philosophy

The content of the training is tailored to the specific conditions and needs of Jordan.

The training curriculum is adaptive and responsive to the evolving learning needs of the participants, based on their work practice, in order to achieve the water harvesting policy objectives.

During the training programme, new learning objectives may therefore be formulated and new training activities developed and offered.

Target group

Selected staff members of:

- Ministry of Water and Irrigation
- Ministry of Agriculture
- Jordan Valley Authority
- University of Jordan
- INWRDAM

The selected staff members are committed to work on activities related to water harvesting in their institutions during the years 2023 and 2024 and beyond.

They are expected to participate in all components of the 3R training programme during 2023 and 2024.

Instructors

IHE Delft

- Pieter van der Zaag

Acacia Water

- Maarten Waterloo
- Marte Siebinga

Training 2:

Catchment planning for water harvesting and soil conservation interventions

This second training course focuses on making a 3R catchment plan.

Based on an identification visit to the catchment, a desk study will be done, data will be ground-truthed during a 2nd visit, sub-catchment plans will be developed, presented and discussed.

The course covers lecturing sessions (60%), and field visits with practical hands-on exercises (40%).

Training programme

Day 1: Introduction (and some theory)

Day 2: Al Muwaqqar catchment - reconnaissance

Day 3: Desk study

Day 4: Al Muwaqqar catchment - ground-truthing

Day 5: Finalising the catchment plan, presentations and closure

Day 1

Introductions

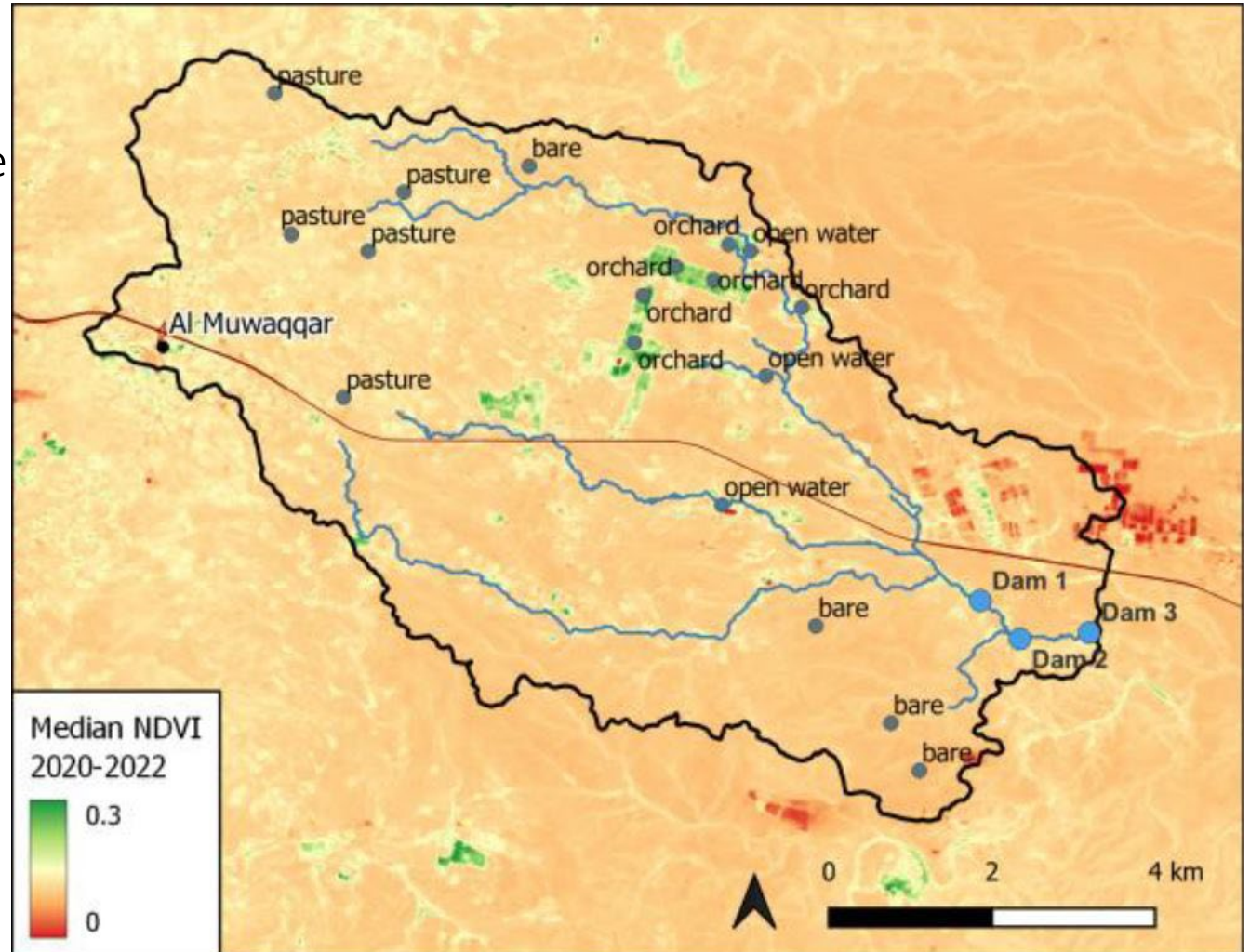
Introduction: catchment planning for water harvesting and soil and water conservation (incl. course objectives);

Introduction Al Muwaqqar catchment + research station

QGIS and Google Earth refresher for Al Muwaqqar catchment

Day 2

Al Muwaqqar
reconnaissance



Day 3

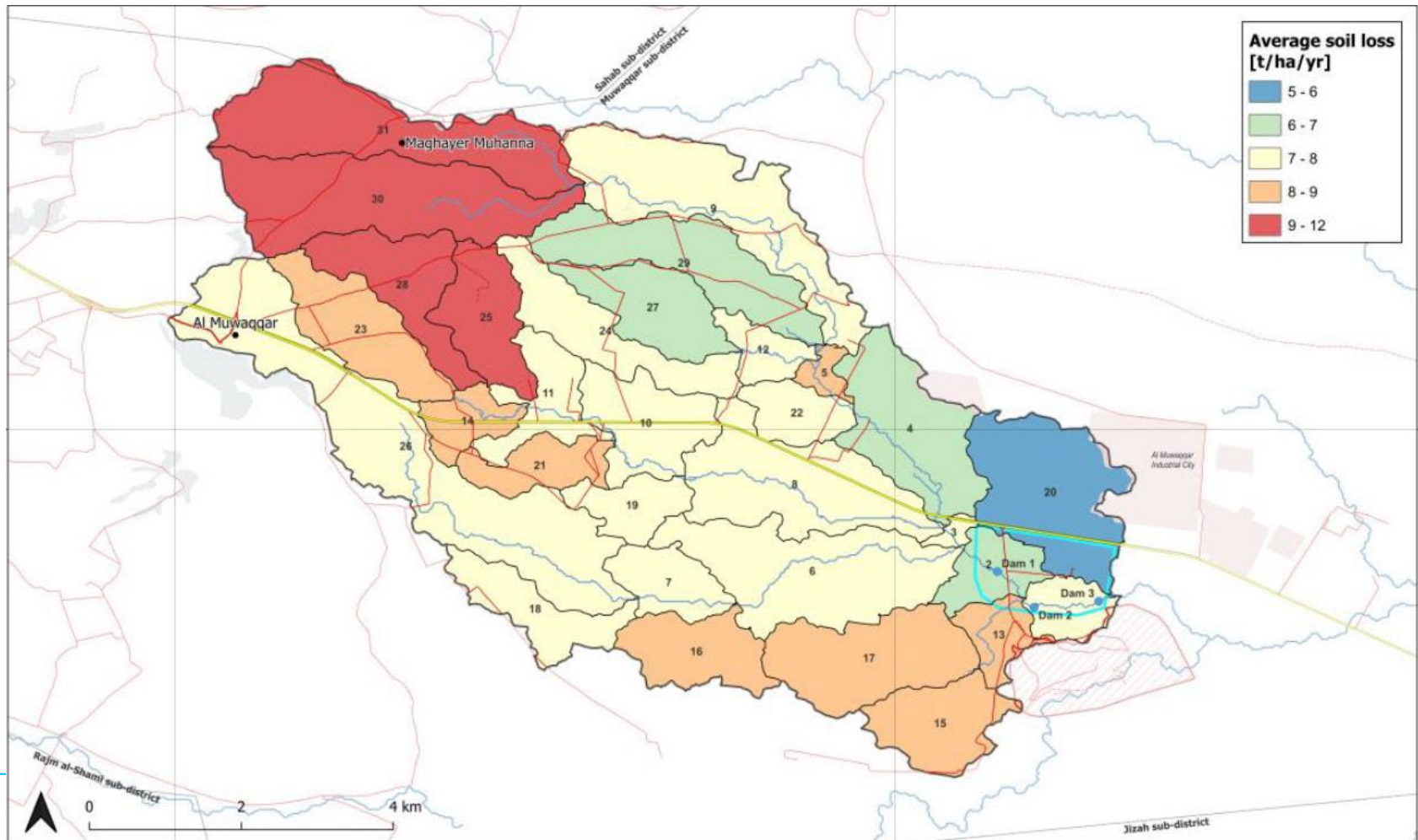
Review of water harvesting in Jordan: successful examples and lessons learnt (1hr);

Desk study:

- Objectives for interventions (group assignment)
- Assessment of selected sub-catchments (group assignment):
 1. First data collection and preparation;
 2. Identification of potential water harvesting and soil conservation measures (tbc by ground-truthing)
 3. Monitoring methods and site(s) identification;
 4. Data collection/validation plan for field visit

Day 4

Al Muwaqqar – ground truthing



Day 5

Processing field observations and intervention planning

Developing sub-catchment maps

Preparing presentation of sub-catchment plans/maps

Presentation of sub-catchment plans/maps and discussion

Course evaluation

Contents for the third training course

Closure

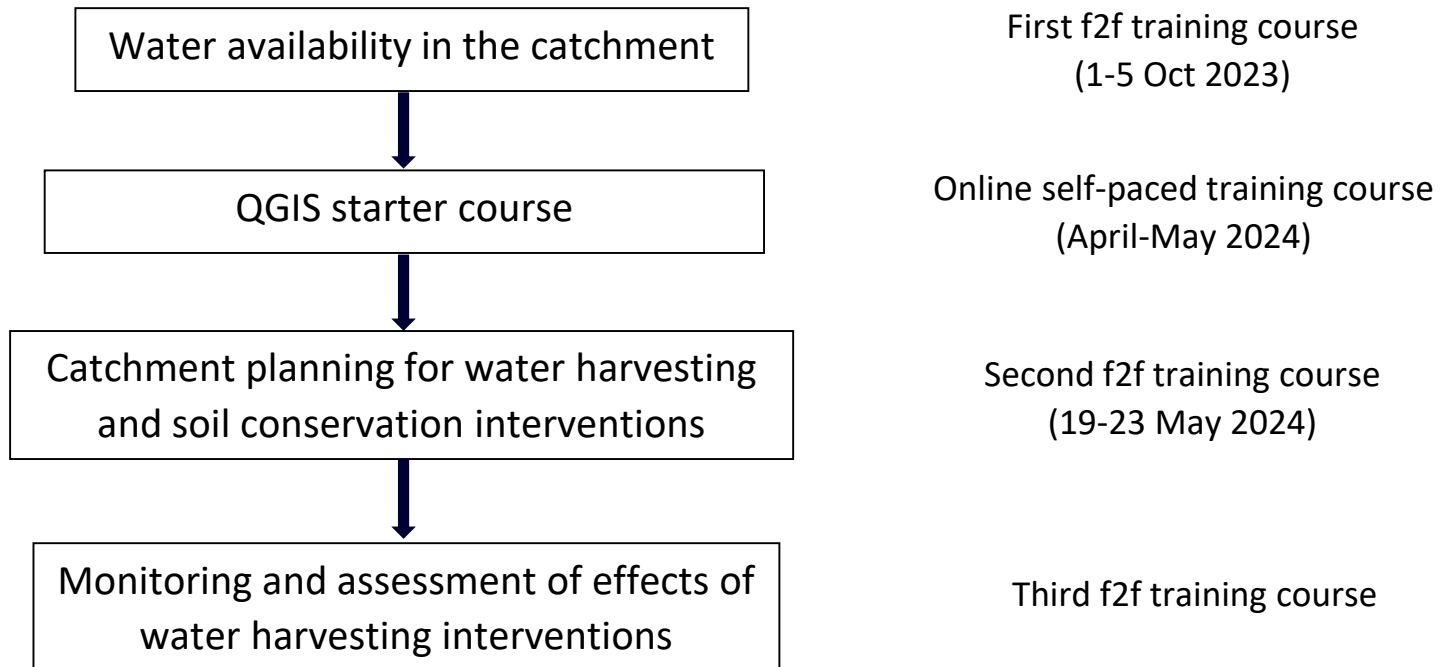
Water Harvesting 3R

Participants

Ministry of Water and Irrigation	Ms Alaa	Hawamdeh
	Ms Hebah	Alsharafat
	Mr Thair	Al-Momani
Ministry of Agriculture	Mr Emad	Al-Qudah
	Mr Mohammad	Alokush
	Ms Wala'a	Al-Zaideen
Jordan Valley Authority	Ms Abeer	Sabha
	Mr Mohsen	Hammad
	Mr Ra`ed	Alz`oubi
Jordan University	Ms Amina	Ghnaimat
	Mr Azzam	Alananbeh
	Ms Raya	Al-Omoush
INWRDAM	Mr Ahmed	Emran
	Ms Amani	Habis
	Mr Fadi	Yahya
	Mr Haitham	Hayajneh
	Mr Ja'far	Ali
	Ms Nataly	Alnimri
	Ms Samia	Alzyoud
	Mr Tayel	AlQadi

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Training schedule

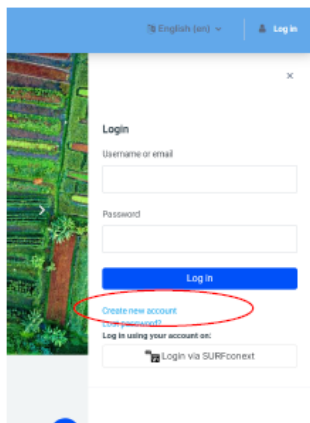


Open courseware

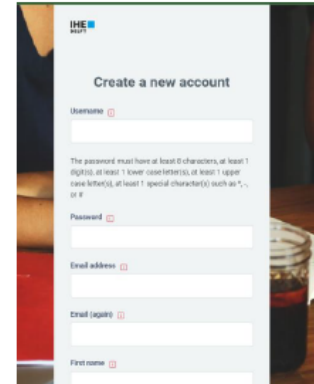
1. Go to this Link: <https://ocw.un-ihe.org/>
2. Click on the arrow to create a new account



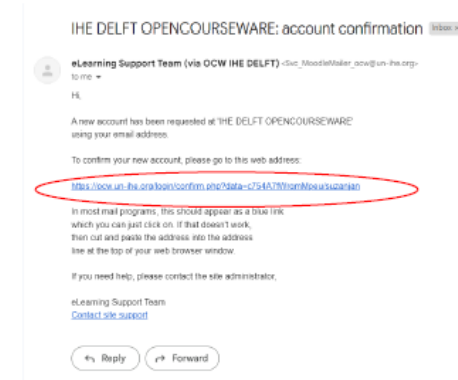
3. Click on create new account



4. Fill your information and click on submit



5. An email has been sent to your email account, click on the link to activate your OCW account



6. After activating your account send an email to p.vanderzaag@un-ihe.org that your OCW account is activated