Training on Natural Resources Assessment for Syrian Experts

FAO Headquarters, Rome, Italy | 3 - 14 September 2018
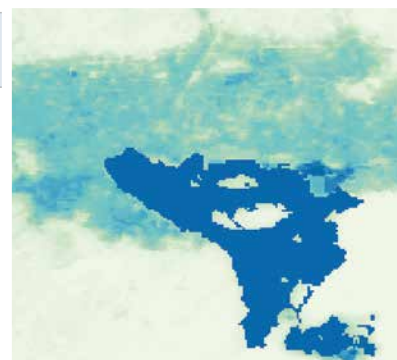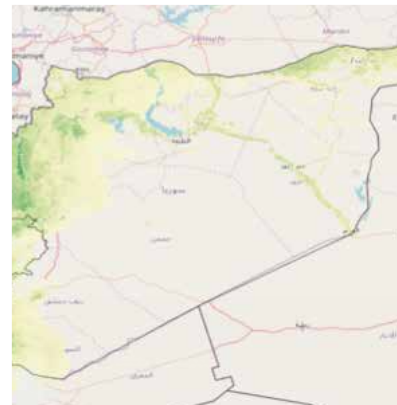
Final agenda

Day 1: Monday September 3rd, 2018
Opening session and sustainable natural resources management
Venue: Lebanon Room (D209)

Time	Presentation
09:00 – 10:30	Opening remarks: - **Mr Eduardo Mansur**, Director, Land and Water Division (CBL) - **Mr Dominique Burgeon**, Strategic Programme Leader, Resilience Programme Management Team (SP5) - **Mr Mike Robson**, FAO Representative in Syria - **Mr Toru Hisazome**, Deputy Permanent Representative of Japan to the Food and Agriculture UN Agencies in Rome, Minister-Counsellor, Embassy of Japan Introduction by participants and presentation on their institutes and expectations from the training Presentation: Agriculture Sector in Syria: Post Conflict Overview **Mr Wael Seif** and **Mr Feras Youssef**, FAO Syria Office Presentation of the training agenda by **Mr Maher Salman**, Senior Water Officer, CBL
10:30 – 11:00	Coffee/Tea Break
11:00 – 13:00	Managing land and water resources in different agro-ecosystems Trainer: **Feras Ziadat,** FAO CBL - Characteristics and challenges of the main agro-ecosystem (focus on dry areas and Syria) - Potential solutions to tackle challenges for each agro-ecosystem - Considerations on the biophysical, socio-economic and enabling environment domains Q&A – Participants' feedback and discussion concerning Syria case
13:00 – 14:00	Lunch
14:00 – 15:30	Land resources planning Trainer: **Feras Ziadat,** FAO CBL - Tools and approaches in land resource planning - Examples and case studies (suitability and similarity analysis) Q&A

Training on Natural Resources Assessment for Syrian Experts

Day 1: Monday September 3rd, 2018 (continued)

Time	Presentation
15:30 – 15:45	Coffee/Tea Break
15:45 – 16:30	Land resources planning Trainer: **Feras Ziadat, Land Resources Officer, FAO** – The FAO LRP Toolbox Q&A – Participants' feedback/ Syria case study
16:30 – 17:00	Introduction to SDG 6 Trainer: **Riccardo Biancalani, Land & Water Officer, FAO**
17:00 – 17:15	Tips of the day Trainer: **Feras Ziadat, Land Resources Officer, FAO**
17:30 - 19:00	**Cocktail reception - Caracalla Room - Building B 8th Floor**

Day 2: Tuesday September 4th, 2018
Water and the SDGs
Venue: Queen Juliana Room (B324)
Trainers: **Jippe Hoogeveen**, FAO CBL, **Riccardo Biancalani**, FAO CBL, **Ghaieth Ben Hamouda**

Time	Presentation
09:00 – 10:30	– Presentation on the status of water and SDG 6 data collection in Syria – Presentation on the institutional setting of the water users sectors in Syria – Presentation/demonstration of AQUASTAT capabilities Q&A
10:30 – 10:45	Coffee/Tea Break
10:45 – 13:00	– Presentation on computation of indicator 6.4.1 (Arabic) and discussion – Presentation on computation of indicator 6.4.2 (Arabic) and discussion – Introduction to the indicators calculation sheet Q&A
13:00 – 14:00	Lunch
14:00 – 15:30	– Indicators simulation game with given data (in three groups) – Group reports and discussion
15:30 – 15:45	Coffee/Tea Break
15:45 – 16:30	– Test computation of Syrian indicators using international/ national datasets
16:30 – 17:00	Presentation and discussion of group results
17:00– 17:15	Tips of the day

Training on Natural Resources Assessment for Syrian Experts

Day 3: Wednesday September 5th, 2018
Water Productivity
Venue: Queen Juliana Room (B324)

Time	Presentation
09:00 – 10:30	Water productivity Trainers: **Livia Peiser,** FAO CBL, **Jippe Hoogeveen,** FAO CBL, **Jonna van Opstal,** IHE-DELFT Presentation and Discussion on Water Productivity – Concepts Q&A
10:30 – 11:00	Coffee/Tea Break
11:00 – 13:00	Presentation and Discussion on Water Productivity - WaPOR methodology and applications Trainers: **Livia Peiser,** FAO CBL, **Jippe Hoogeveen,** FAO CBL, **Jonna van Opstal,** IHE-DELFT Q&A
13:00 – 14:00	Lunch
14:00 – 16:15	Demo of the FAO Water Productivity Database (WaPOR) Trainers: **Livia Peiser,** FAO CBL, **Jippe Hoogeveen,** FAO CBL, **Jonna van Opstal,** IHE-DELFT
16:15 – 16:30	Tips of the day

Day 4: Thursday September 6th, 2018
Water Productivity
Venue: Queen Juliana Room (B324)

Time	Presentation
09:00 – 10:30	WaPOR hands-on exercises: time series analysis, irrigation water consumption – focus on examples in Syria Trainers: **Livia Peiser,** FAO CBL, **Jippe Hoogeveen,** FAO CBL, **Jonna van Opstal,** IHE-DELFT
10:30 – 11:00	Coffee/Tea Break
11:00 – 13:00	WaPOR hands -on exercises: understanding and setting water productivity targets – focus on examples in Syria Trainers: **Livia Peiser,** FAO CBL, **Jippe Hoogeveen,** FAO CBL, **Jonna van Opstal,** IHE-DELFT
13:00 – 14:00	Lunch
14:00 – 16:15	Advanced exercises: customized calibration of WaPOR data – focus on examples in Syria Discussion and Q&A Trainers: **Livia Peiser,** FAO CBL, **Jippe Hoogeveen,** FAO CBL, **Jonna van Opstal,** IHE-DELFT
16:15 – 16:30	Tips of the day Trainer: **Jippe Hoogeveen,** FAO CBL

Training on Natural Resources Assessment for Syrian Experts

Day 5: Friday September 7th, 2018
SEPAL, GIEWS and ASIS
Venue: Queen Juliana Room (B324)

Time	Presentation
09:00 – 10:30	Introducing SEPAL – making and saving composites; Landsat and Sentinel Trainer: **Yelena Finegold**, FAO Forestry Policy and Resources Division (FOA) Q&A
10:30 – 11:00	Coffee/Tea Break
11:00 – 12:30	Introducing SEPAL – image classification and change detection; supervised change detection using SEPAL CEO and Google Fusion Tables Trainer: **Yelena Finegold**, FAO Forestry Policy and Resources Division (FOA) Q&A
12:30 – 13:30	Lunch
13:30 – 15:00	Global Information and Early Warning System on Food and Agriculture (GIEWS) Trainer: **Mario Zappacosta**, FAO Trade and Markets Division (EST) Q&A
15:00 – 15:15	Coffee/Tea Break
15:15 – 16:30	Agriculture Stress Index System (ASIS) Trainer: **Oscar Rojas**, Climate and Environmental Division (CBC) - Remote participation Q&A

Sunday September 9th
Field visit

Time	Presentation
09:00	Bus arrives at FAO headquarters with the guide
09:15 – 12:45	3.5 hour tour of the Roman aqueducts and Appia Antica and terme di Caracalla
12:45 – 13:30	Bus brings guests to Ristorante La Vecchia Frasca, Via G. Buttarelli, 12, 00044 Frascati RM, Italy
13:30	Lunch
16:00	Bus brings guests back to FAO Headquarters

Training on Natural Resources Assessment for Syrian Experts

Day 6: Monday September 10th, 2018
Global Soil partnership (GSP)
Venue: Austria Room (C250Bis) | Trainer: **Yusuf Yigini**, FAO CBL

Time	Presentation
09:00 – 10:30	- Introduction - Global Soil Partnership and GSP Capacity Development Programme Q&A
10:30 – 11:00	Coffee/Tea Break
11:00 – 13:00	- GSP Pillar 4 - Soil Data, Soil Information System, Spatial Soil Data Products Q&A
13:00 – 14:00	Lunch
14:00 – 16:15	- Digital Soil Mapping (DSM) Concept - DSM Software and Tools - R, R Studio Q&A
16:15 – 16:30	Tips of the day

Day 7: Tuesday September 11th, 2018
Collect Earth
Venue: Queen Juliana Room (B324) | Trainers: **Thomas Hammond**, FAO CBL; **Marcelo Rezende**, FAO CBC

Time	Presentation
09:00 – 10:30	– Introduction to openforis tools – Introduction to Collect Earth – Background and methodology – Features and interface – Available datasets – Possible outputs Q&A
10:30 – 10:45	Coffee/Tea Break
10:45 – 13:00	– Installation and set-up – Hands-on exercise with group assessment – National and other classification systems Q&A and Discussion
13:00 – 14:00	Lunch
14:00 – 15:00	– Data Collation and Saiku Analysis – Aggregations, Filters, Charts
15:00 – 15:20	Coffee/Tea Break
15:20 – 16:45	– Data Export and Display – Data Analysis and Display in Fusion Tables – Conclusion and Discussion
16:45 – 17:00	Tips of the Day

Day 8: Wednesday September 12th, 2018
Land Cover Classification and Strategic actions to promote sustainable land, soil and water management
Venue: Austria Room (C250Bis)

Time	Presentation
09:00 – 10:30	Introducing to wall to wall Land cover mapping using multi-temporal high-resolution satellite imagery Trainer: **Gianluca Franceschini**, FAO Geospatial Unit (CBDS) Q&A
10:30 – 11:00	Coffee/Tea Break
11:00 – 13:00	ISO Standards for Land Cover Classification Systems Trainer: **Gianluca Franceschini**, FAO Geospatial Unit (CBDS) Q&A
13:00 – 14:00	Lunch
14:00 – 15:30	– Object-based image analysis and interpretation using Spectral indices – Land cover finalization Trainer: **Gianluca Franceschini**, FAO Geospatial Unit (CBDS) Q&A
15:30 – 15:45	Coffee/Tea Break
15:45 – 17:15	Strategic actions to promote sustainable land/soil and water management in Syria Trainer: **Feras Ziadat**, FAO CBL Discussion and Q&A

Day 9: Thursday September 13th, 2018
WOCAT/LADA
Venue: Queen Juliana Room (B324) | Trainers: **Stefan Schlingloff** and the **Land Team**, FAO CBL

Time	Presentation
09:00 – 10:30	LADA – Introduction to the methodology for the assessment of land degradation and SLM responses Q&A
10:30 – 11:00	Coffee/Tea Break
11:00 – 13:00	LADA – Examples from countries and potential use in Syria Discussion and Q&A
13:00 – 14:00	Lunch
14:00 – 16:15	WOCAT – Presentation of the documentation of SLM best practices (Technologies & Approaches, Mapping) and the Global SLM Database Discussion and Q&A
16:15 – 16:30	Tips of the day

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Day 10: Friday September 14th, 2018
Feedback session and Closing remarks
Venue: Queen Juliana Room (B324)

Time	Presentation
09:00 – 10:30	– Feedback from Participants – Closing remarks
	Open Day – bilateral meetings