

2nd FORZA workshop on Forestry and Remote Sensing

Teheran – 07-13 May 2022

Time plan

7th of May: Arrival of German participants

8th of May: Meet and greet with the Iranian organizing team and city tour in Teheran

9th of May: Official start of workshop / scientific presentation

Time	Speaker	Topic
10:00	Hooman Latifi & Fabian Faßnacht	Welcome and workshop plan
10:15	Abolfazl Jaafari	Multi-hazards susceptibility assessment of the Zagros Mountains of Iran
10:40	Christian Bauer	Generating data products from satellites and UAV imagery for agricultural monitoring
11:05	Seyed Arvin Fakhri	UAV-based photogrammetry for structural analysis of sacred groves in North Zagros Forests
11:30	Coffee break	
11:45	Elham Shafeian	Characterizing the Zagros forest area using remote sensing and dendrochronology
12:10	Simon König	The Bavarian Forest National Park – A “Hot Spot” site for forest remote sensing
12:35	Kyumars Mohammadi Samani	Sacred groves in Zagros oak forests: The legacy of the past, a gift for the future
13:00	Lunch	
14:15	Dominik Holzer	Relationship of drone-based multispectral indices and chlorophyll content at leaf level in European beech (<i>Fagus sylvatica</i>)
14:40	Yousef Erfanifard	Review of the application of UAV remote sensing in spatial ecology of plant communities
15:05	Zahra Hosseini	Influence of plot size and sample size on aboveground biomass estimation using very high resolution stereo satellite imagery
15:30	Coffee break	
15:45	Azin Zarei	Vegetation dynamics in response to climate change
16:10	Fabian Faßnacht	A new approach to create synthetic forest scenes for realistic LiDAR simulations
16:35	Hooman Latifi	Towards a phenotypic index based on remote sensing for oak decline: the accomplished steps

10th of May: Brainstorming sessions Day 1

- Summary of first workshop
- Brainstorming additional overarching topics

11th of May: Brainstorming sessions Day 2 + Wrap-up of workshop

- refining selected topics in small groups
- identifying potential funding opportunities
- documenting ideas

12th of May: Visit to National Botanical Garden of Iran with Hooman Latifi and Abolfazl Jaafari

13th of May: Departure of German participants