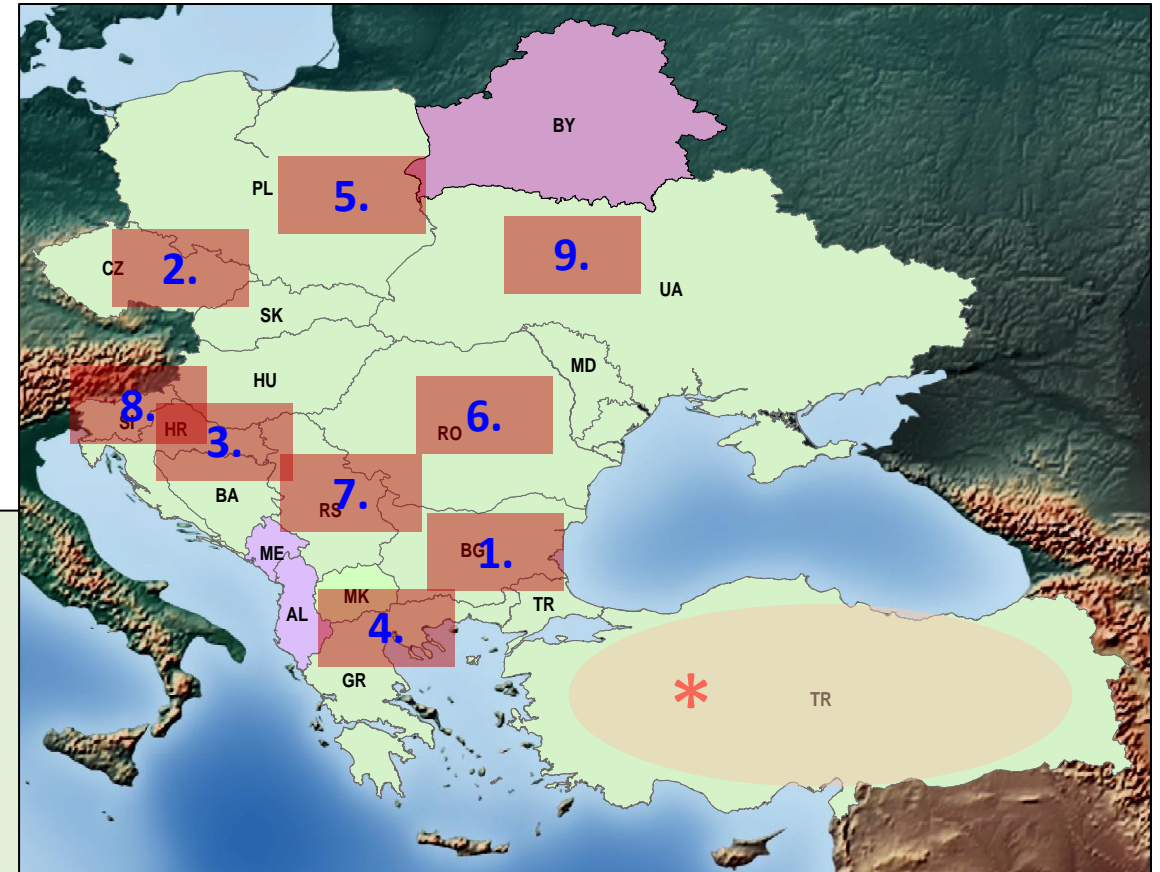


SEMINAR GOALS

- 1) OUTLINE THE REAL SITUATION IN SCERIN
- 2) CONSIDER JOINT SCERIN ACTIONS

Global Forest Resources Assessment 2020, FAO, UN
 2000-2017 annual forest net gain/loss by country for SCERIN domain are reported **not significant** (< 50 thousands of hectares/year).
 Turkey* exception, with severe forest decline due to droughts and urbanization.

Link to slide with discussion topics https://drive.google.com/file/d/1cXY_XQtPELxZuo_xAf3h6mTrYH-jXf66/view?usp=sharing



From the ZOOM Chat, emails and discussions - Suggested SCERIN Activities to Address Bark Beetle Damage (BBD)

- 1-2 pages EO newsletter from the report for the seminar:
deadline April 15 for May–June issue (*The Earth Observer* newsletter is a bi-monthly publication that consolidates NASA Earth Science news. The newsletter is published by the Science Support Office, Code 610, NASA Goddard Space Flight Center, Greenbelt, Maryland 20771, telephone (301) 614-5561)
 - > The SCERIN coordinators and START hosts to follow-up by mid February
 - Suggested by Ivan P.: Process the S-2 and L-8 archive over SCERIN for beetle damage detection, over the past 10 years (open action, looking for possibility, to report as outcome from the seminar)
 - Use in country beetle mapping for product evaluation/validation
 - FS by country; SCERIN subset of areas and sites for testing
 - Joint overview paper on BBD
 - > To contact Lucie Kupkova by mid February 2021 with interest
 - Currently there are predictive models, by species for Slovakia: What do we need to expand by species and into other countries?
 - > Petya to contact Maarten by mid February to follow-up regarding model inputs
 - Educational component – to develop RS lab example(s) for BBD
 - Tutorial on beetle detection with S-2 and L-8
 - Prototype data sets and procedures for: 1) hyperspectral, 2) multispectral and 3) structural analysis (early detection, monitoring with TS, change detection across 10+ years)
 - Petya to contact by mid February: Mihai, Petr, Angel, Mitja and Tatjana to follow-up
- Please provide suggestions and inputs in the CHAT or by e-mail to petya@umbc.edu.*