

Working group: Permanent grassland

Working process

- Brown paper session
- Many participants many issues, difficult to classify into ISO topics
- 3 main topics from ISO 19131
- Data capture: 12 issues top 4
- Data content and structure: 9 issues top 1
- Data maintenance: 9 issues top 3

Data capture

- Ortophoto interpretation – defining eligibility, grazeability
 - Mapping land cover not land use
 - Use of external sources of data (e.g. LIDAR, specific layers of eligible trees, multispectral images, multitemporal images)
 - Defining grazeable species of plants
- Established local practices
 - First determining the areas that are currently out of eligibility profile
 - Then finding a way to incorporate them into LPIS

Data capture

- Data sources
 - How to determine when arable land becomes PG?
 - Farmer's declaration
 - Farmer's information vs. external data sources
 - Issue of data quality, precision how good is still good enough?
 - The use of more images per year (e.g. Copernicus)

Data capture

- Minimum activity
 - Defining minimum activity in the field not define MA but determine eligibility of area
- Human factor
 - How to minimize subjectivity?
 - Scorecards, interpretation keys
 - Good training
 - Specific guidelines
 - Supervision of senior operators
 - Optimizing number of pro-rata classes
 - Use of more methods (assessment, measurement, calculation)

Data content and structure

- Technical characteristics of images
 - Time aspect
 - Setting one optimal date; use additional if available (weather?)
 - Phenology phases
 - Does an image ever get too old?
 - Spatial resolution
 - Pixel size: 0,5 vs. 0,3 vs. 0,1; availability?
 - Too detailed image too much small changes

Data maintenance

- When to divide a RP?
 - Artificial sealed surfaces always divide RP
 - Different density of scattered features inside one RP; clustered vs. scattered; how to set up consistent guidelines
 - Farmer's choice
 - Tendency to keep one RP if reasonable

Data maintenance

- How to handle features that change in time
 - Delineation of changing land (e.g. water, temporarily bare)
 - Determination of MEA???
 - When to update LPIS
 - Field observations – learning your agricultural practices
 - Unstable boundaries between arable land and PG

Conclusions

- Socrates: “I know that I know nothing”
- Many countries many ideas
- Use all the sources available
- Share experiences – you are not alone

Thank you for your
attention!