The European Commission's science and knowledge service

Joint Research Centre

Working group 4 discussions report

10 yrs LPIS QA workshop, Varese, 14/03/2019

1. QA for LPIS purposes

- Personal opinion on how QA serves LPIS
  - Generally is a good tool for assessing the LPIS QA
  - In case of PB – some other isses linked to the GSAA are not identified
  - Some MS have their own GSAA QC
  - Majority of MS want no changes in the methodology
  - At the begining was buirocratic but now is accepted
  - Half of MS face challenges to explain the results to the managers

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1. QA for LPIS purposes

- Hierarchy:
  - Happy with no problems
  - Start to listen only if there are problems
  - No investments done due to non-conformities in some MS
  - But orthophoto investments done in other MS
- LPIS is good base for GSAA which means less OTSC
- Land tenure issus have been disscussed again...
  - For FB, CP → issues on the LPIS level
  - For PB → issues on the GSAA level

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2. Feasibility for measurement as a secondary quality measure

- Definition of the PB permanant boundary?
- JRC could do the study on FSM=false and identify real problems
- FSM for PG
  - Different national approaches in deliniation of the PG boundaries
  - Grassland on parcel margins is recorded in the LPIS as PG → creates classification errors
  - Small contaminations is hard to deliniate
  - Difference of image resolution (national vs LPISQA)

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2. Feasibility for measurement as a secondary quality measure

- Some systems are more strict then the others

SOLUTIONS Proposed
- Waiver for LC classification differences (technical areas belonging to another LC group)

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3. QE2 tresholds

- We are used to the current treshlods, don't change anything
- Long and narrow parcels 1 px shift can cause 40% diff in area
- For QE2c: to require spatial positions of the AL/PG/PC inside the RP would cause another issues for the LPIS QA

SOLUTIONS proposed
- Have the buffer tolerance for long and narrow parcels
- Don't change the QE2 tresholds

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4. What can COM do more to support LPIS implementation

- Improve LPIS guidance
- More examples
- introduce the changes of the TG on time
- Standardised tools for LPISQA from the COM
- LPIS update guidenace
- GSAA QA and monitoring QA as soon as possible

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Thanks for sharing ☺