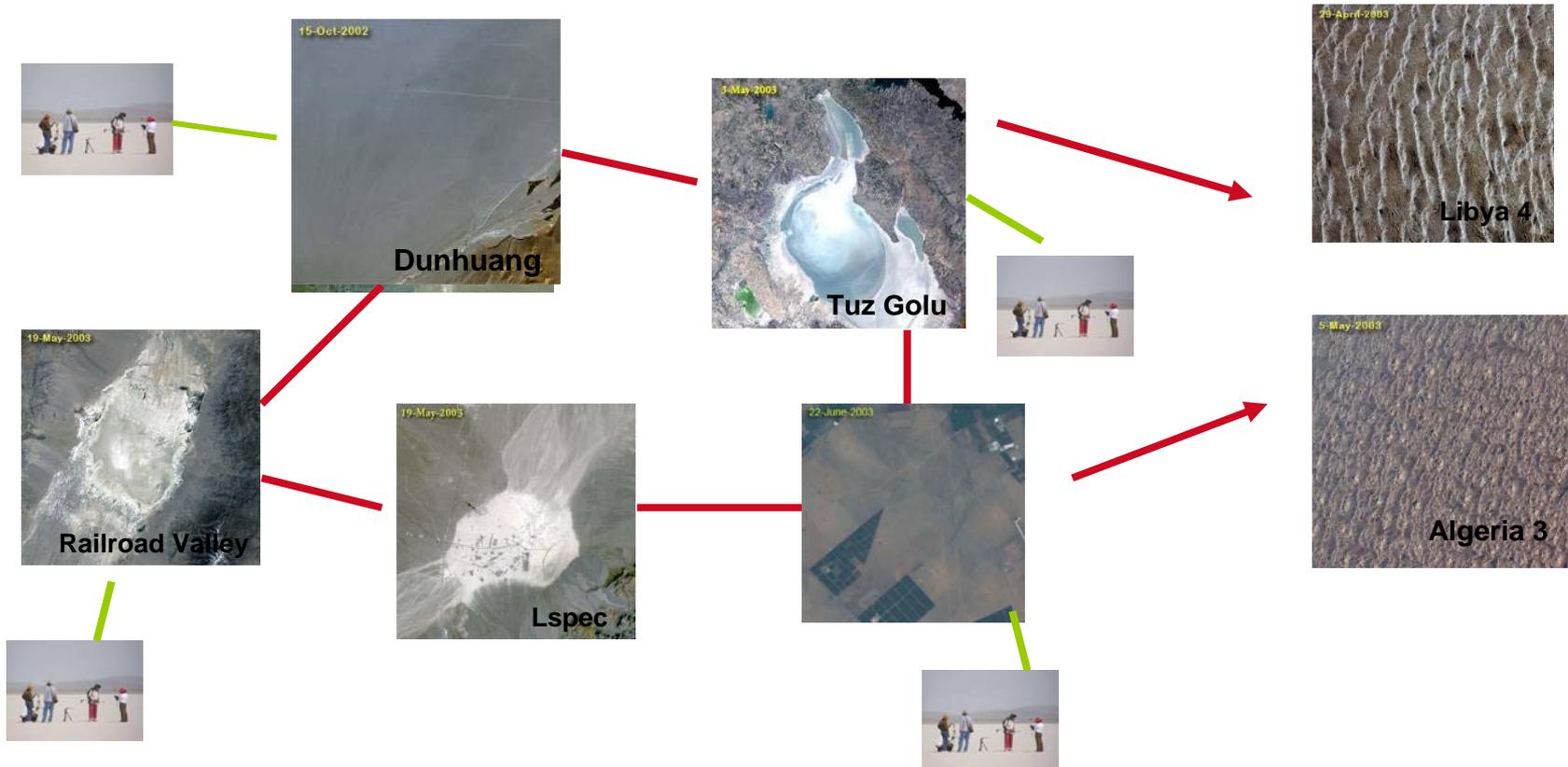


Reference testsite data collaboration and comparison (DA-09-01a-11)



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GEO actions:

- 1) **Work with WGCV Subgroup leads to initiate dialogue with instrument owners relating to the collection of calibration data over CEOS-endorsed sites.**
- 2) **Ensure collaboration and coordination for the evaluation of the data and the development of the results over comparative sites as a prototype for an operational EO calibration network.**
- 3) **Peer-review the results and post them on the Cal/Val portal.**
- 4) **Present information via CEOS/GEO venues.**
- 5) **Publish significant results.**

Progress:

IVOS and SAR, TM progressing (AC also has sites but need to register in QA4EO)

LPV, Microwave ??

Multi-site/Sensor cross-comparison:

prototype “calibration network”



IVOS prototype project

Aug 09 and Aug 10

- Utilise timing of Tuz Golu comparison
- Link all available Landnet and invariant test sites via satellite
- Compare differences in Landnet site measured characteristics
- Establish absolute values for Invariant sites
- Link GEO satellites
- Where possible near simultaneous ground campaigns
 - Automated collection as alternative
 - Link Dome-C through invariant sites
- Use Cal/val portal as interface

Requirements:

- Satellite acquisitions and data provision
- Access to Ground data and Meteo
- Satellite sensor characteristics

BONUS opportunity

- Can we add activity to suit another sub-group?
- E.g. Tuz Golu will also have spatial distributed ground moisture network available
 - Radar/microwave

Actions

- Request to CEOS Agencies
- Request to “testsite” owners
- Request to Sub-group chairs