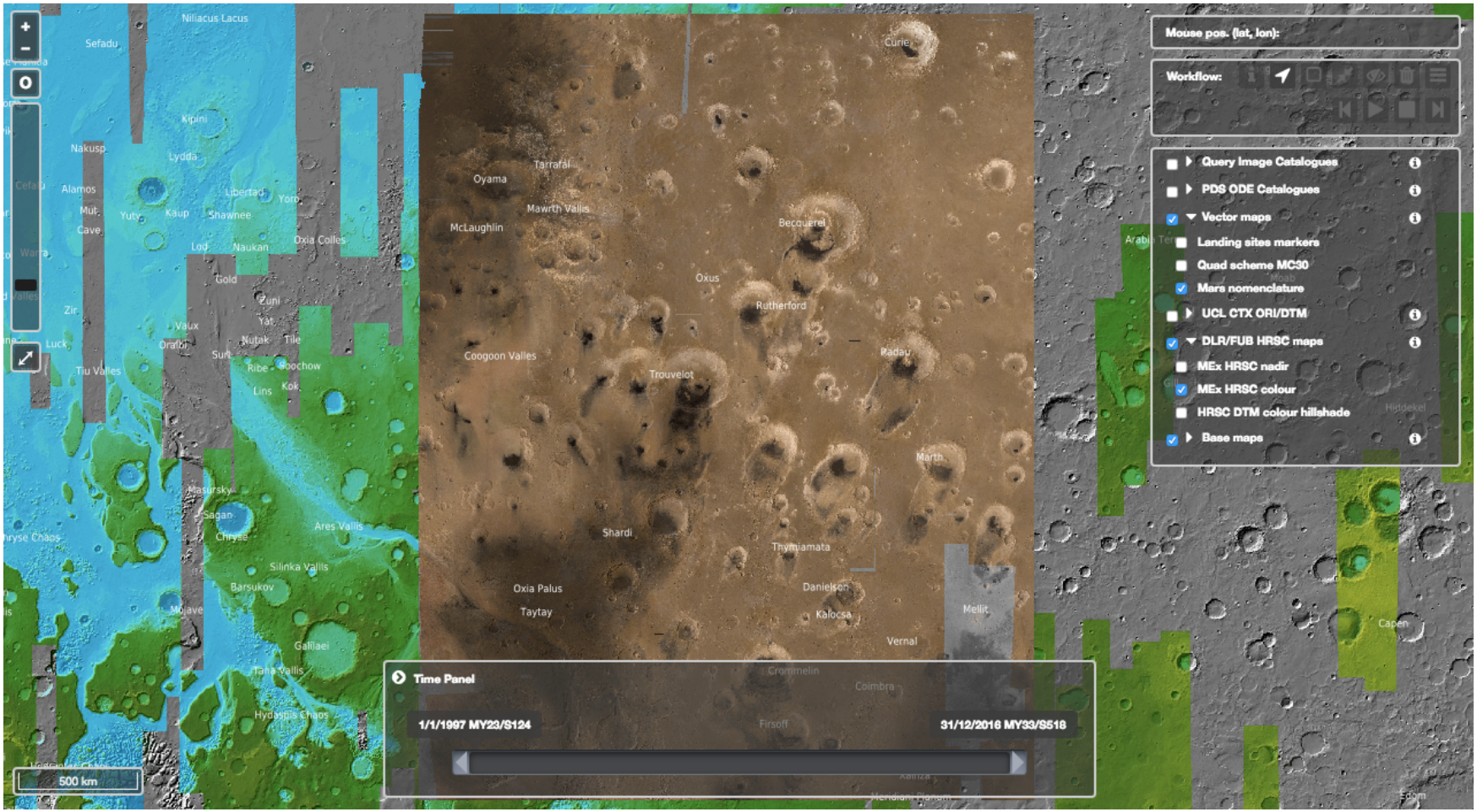
- Work with co-registered multiple datasets from all NASA and ESA Mars missions since the mid-1970s
  - Co-registered
  - Multiple
    - Space agencies
    - Orbiters
    - Intruments
    - Orbits
- Aim: increase exploitation of available data
- Change detection
- Base data from High Resolution Stereo Camera (HRSC)



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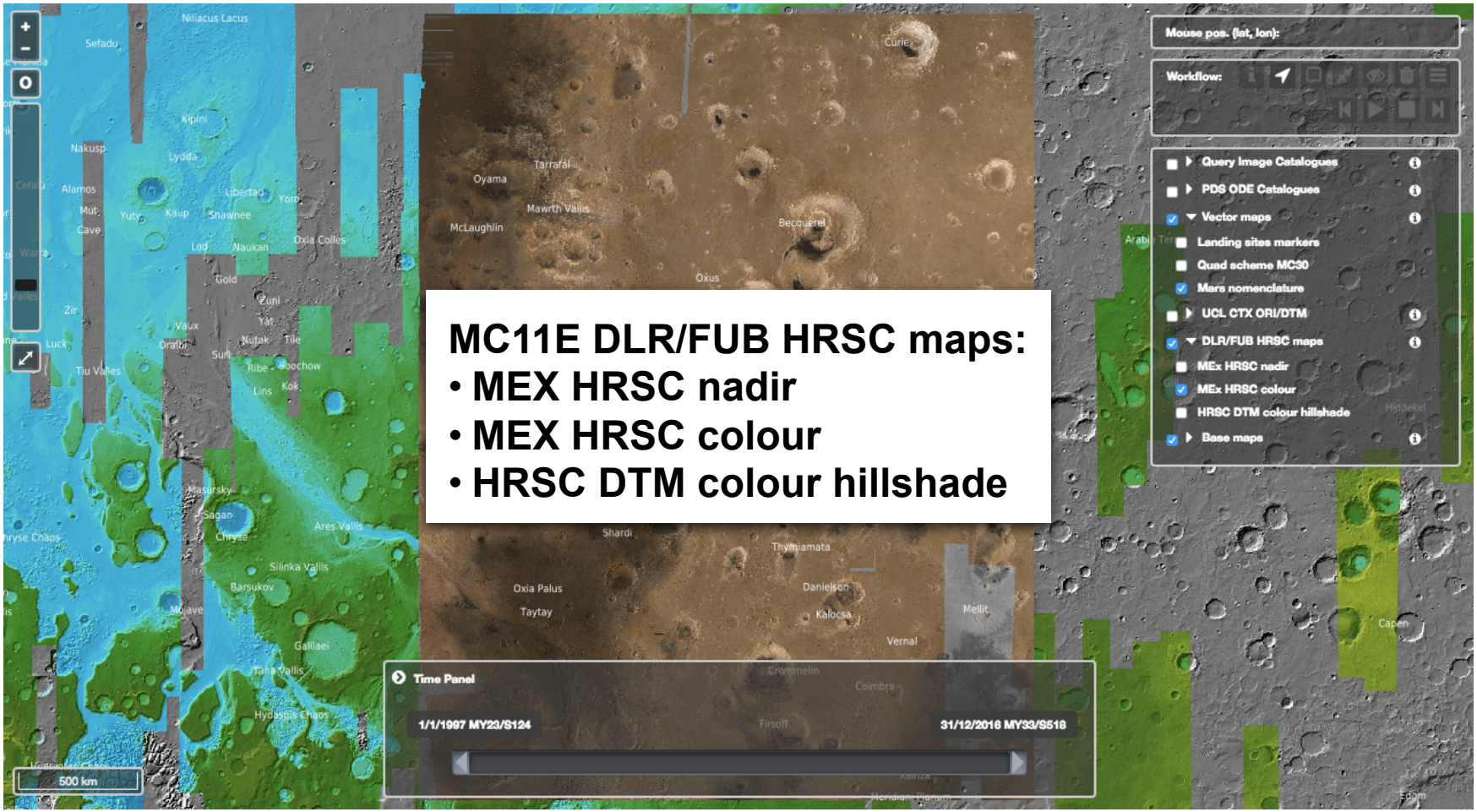

MC11E DLR/FUB HRSC maps:

- **MEX HRSC nadir**
- **MEX HRSC colour**
- **HRSC DTM colour hillshade**

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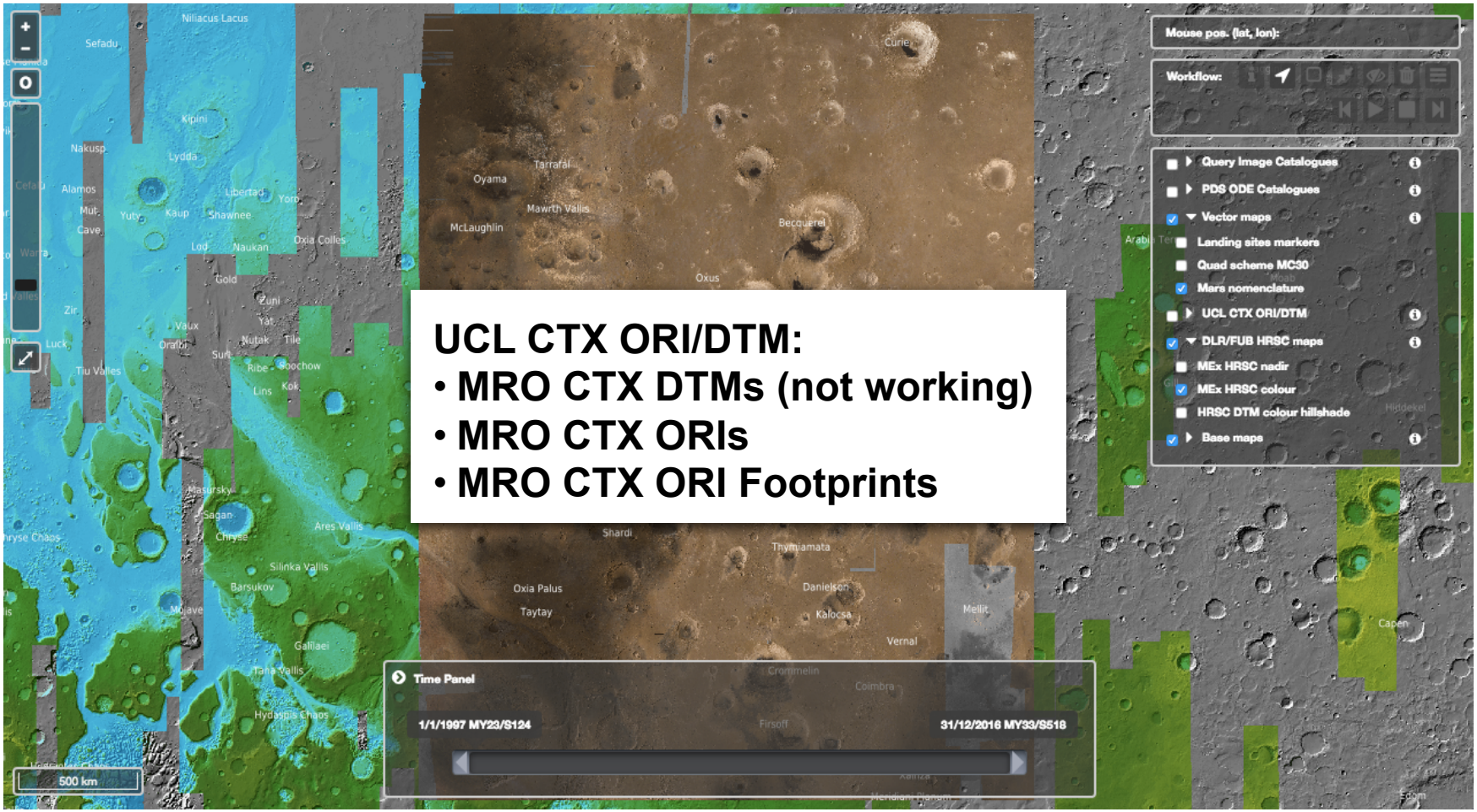

UCL CTX ORI/DTM:

- **MRO CTX DTMs (not working)**
- **MRO CTX ORIs**
- **MRO CTX ORI Footprints**

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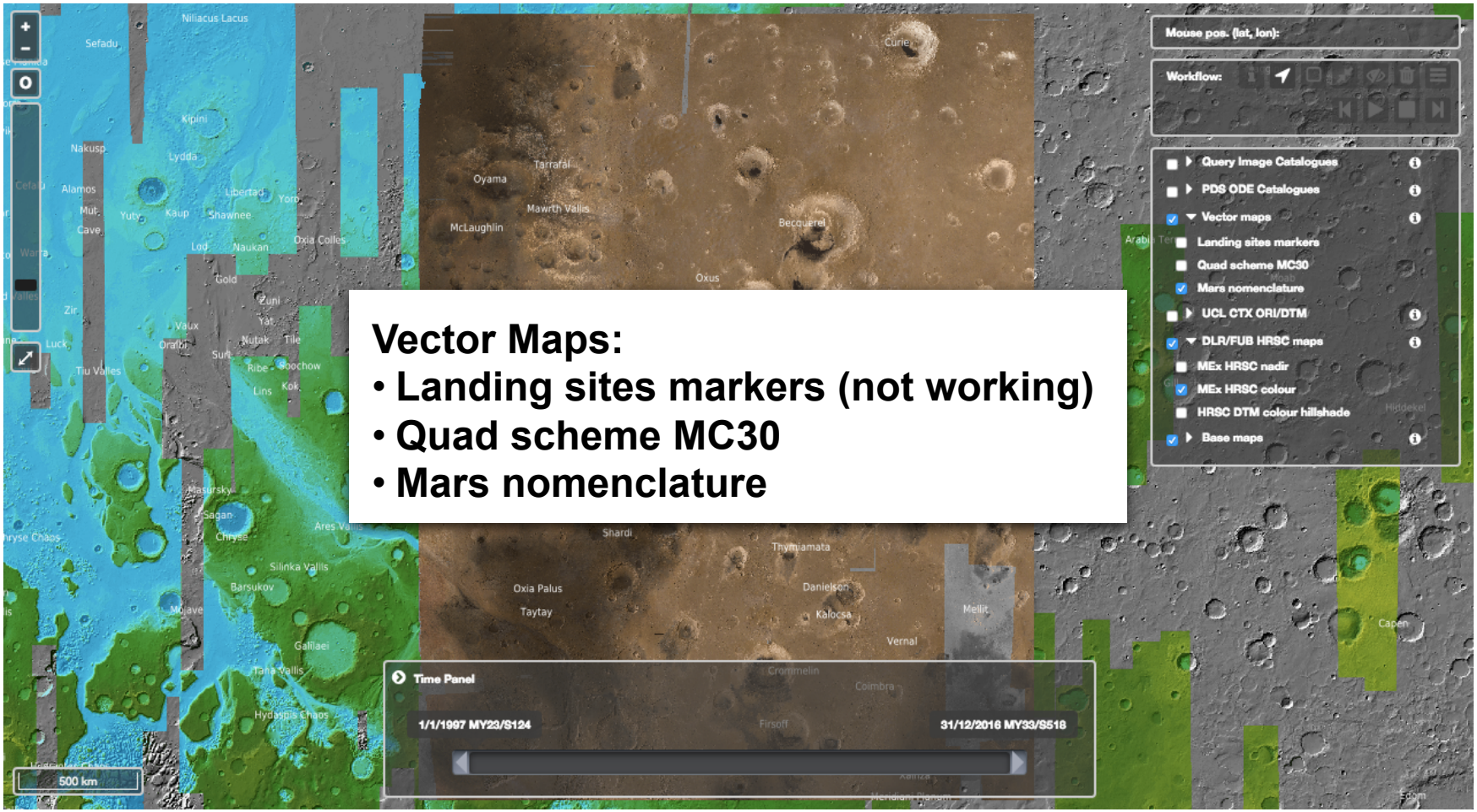

Vector Maps:

- **Landing sites markers (not working)**
- **Quad scheme MC30**
- **Mars nomenclature**

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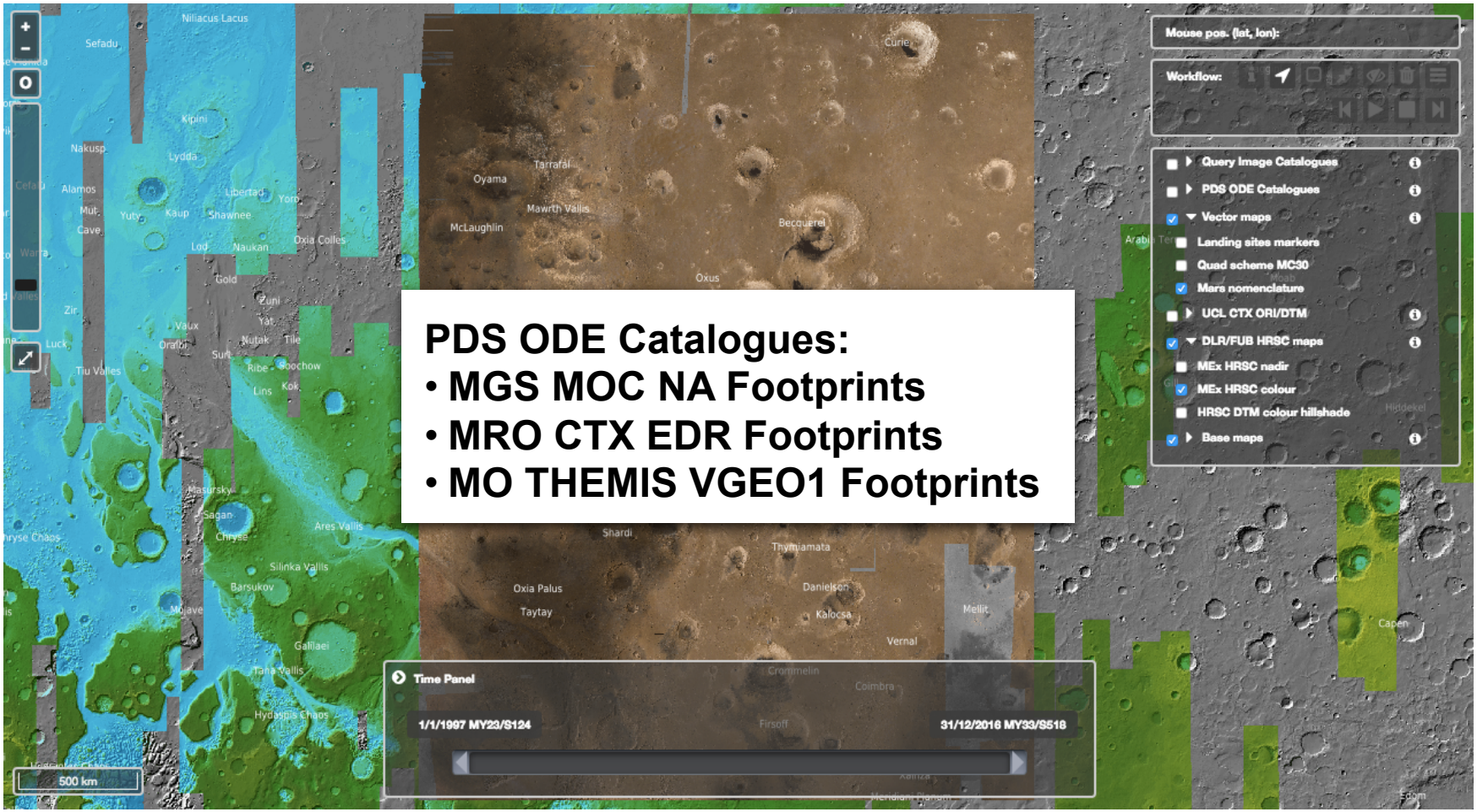

PDS ODE Catalogues:

- **MGS MOC NA Footprints**
- **MRO CTX EDR Footprints**
- **MO THEMIS VGEO1 Footprints**

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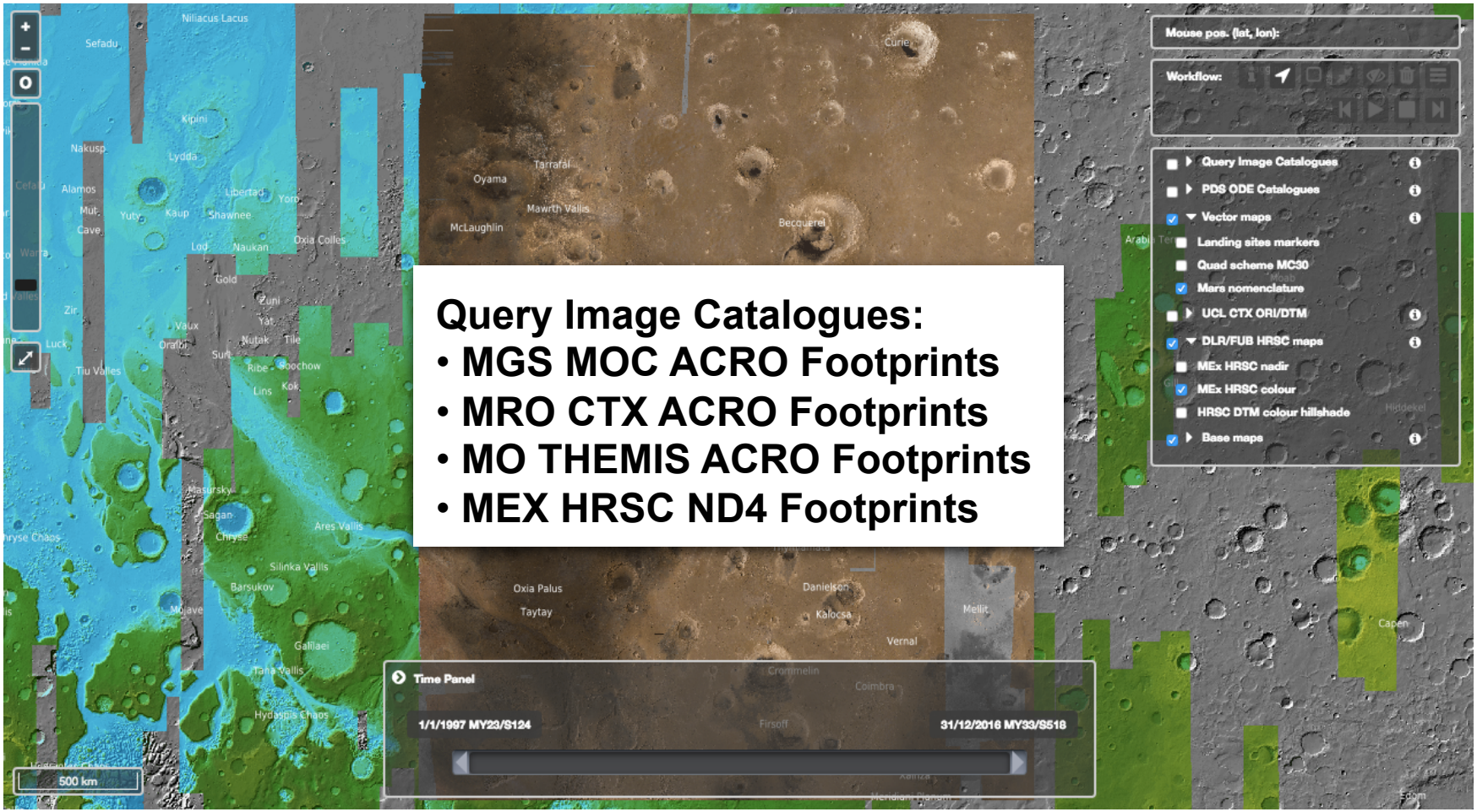

Query Image Catalogues:

- **MGS MOC ACRO Footprints**
- **MRO CTX ACRO Footprints**
- **MO THEMIS ACRO Footprints**
- **MEX HRSC ND4 Footprints**

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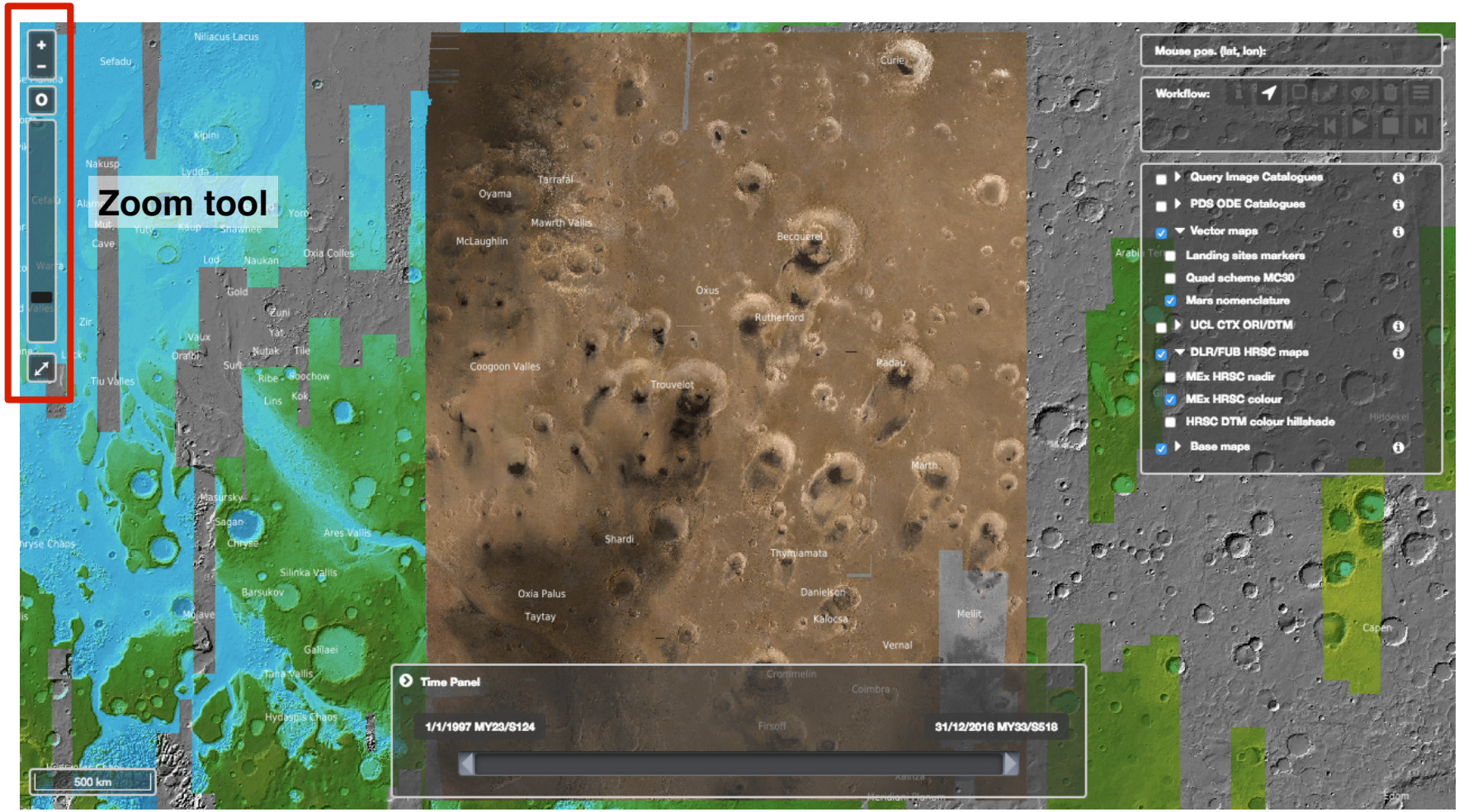

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- **Classic zoom tool**
  - Zoom and pan as usual
  - Buttons
  - Mousepointer / -wheel
  - Zoomslider
  - Zoom to MC11E

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- **Time Panel**
  - Select the period of time, in which the layers should be shown
  - Mars and Earth dates (will be) available

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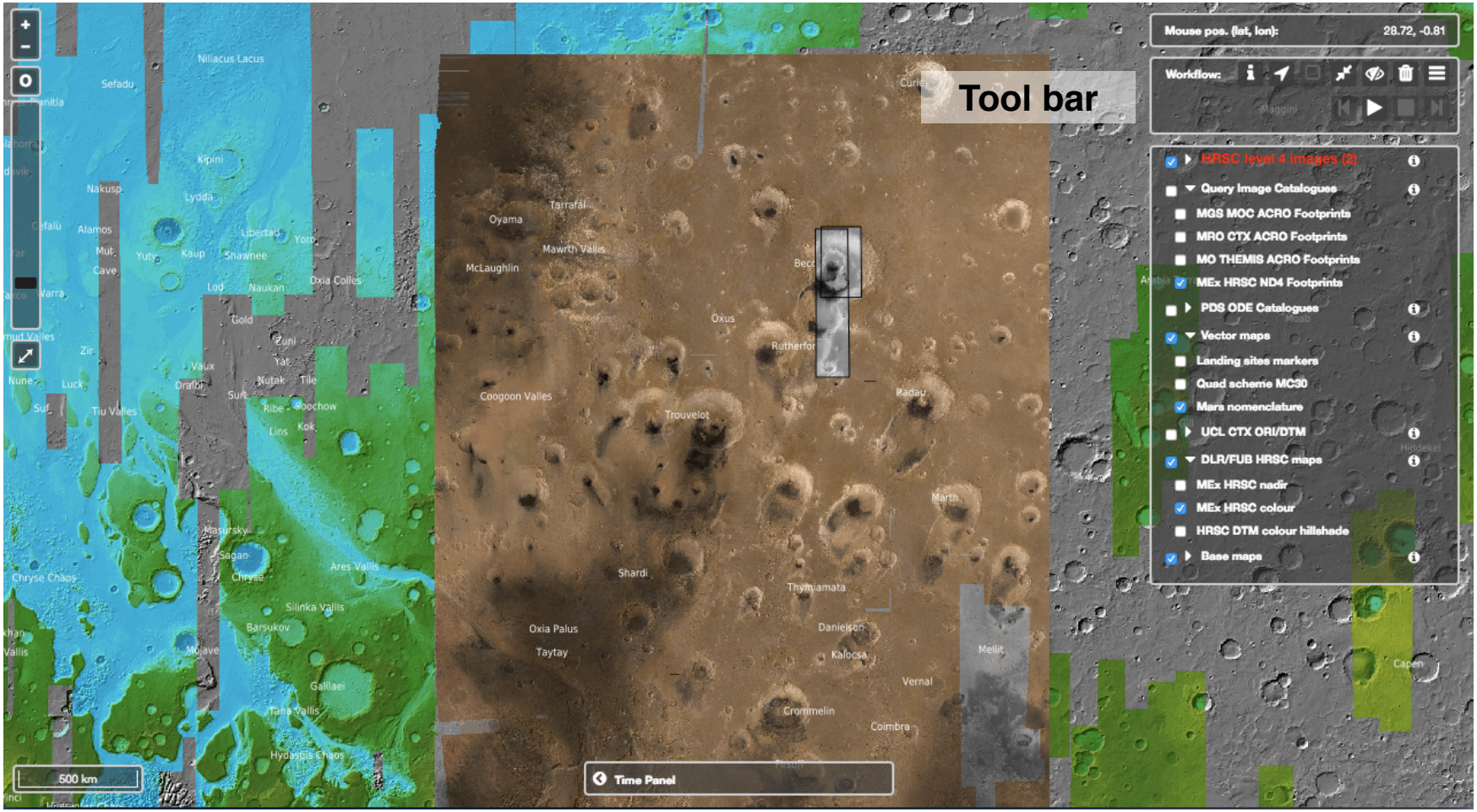

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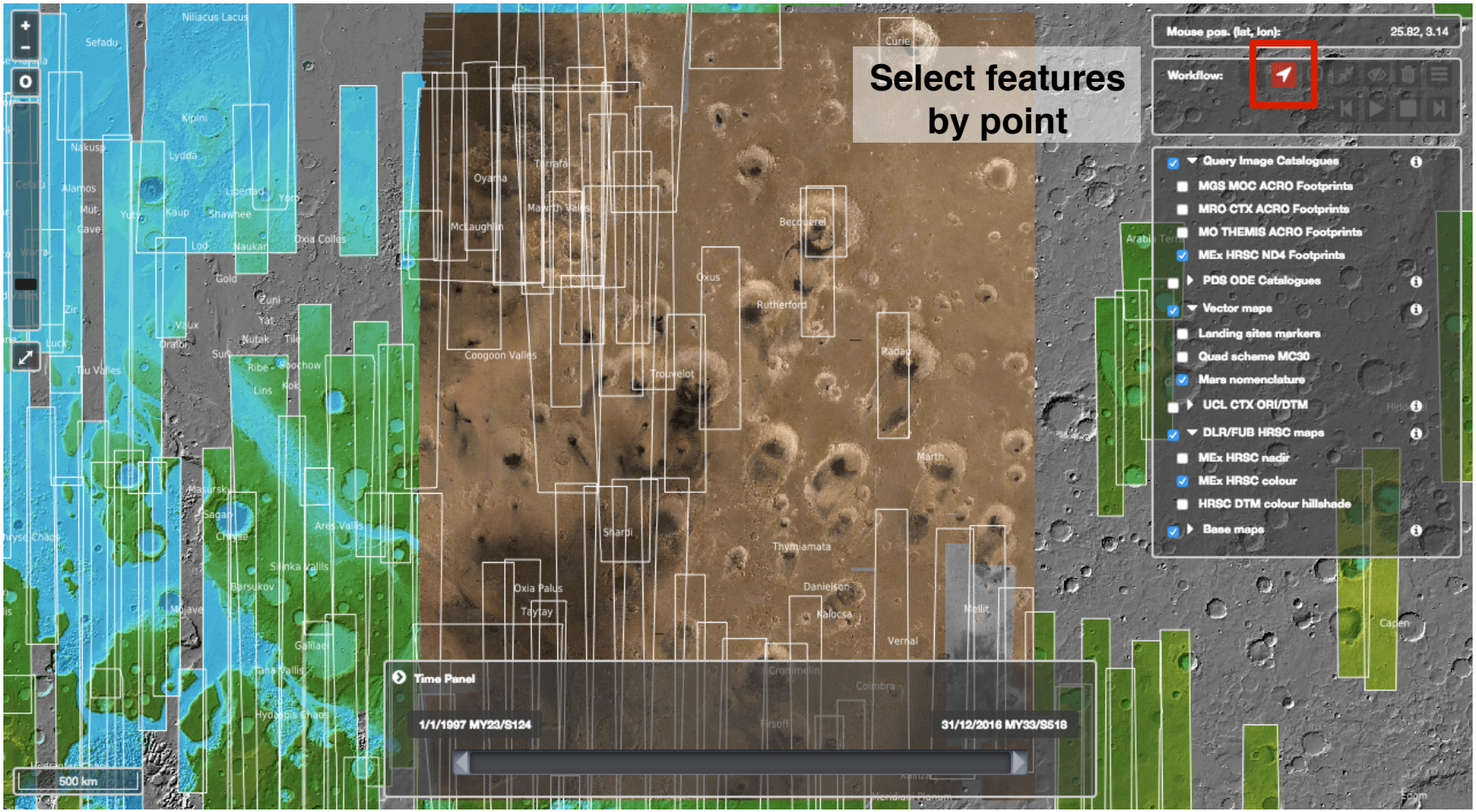
- **Tool Bar** (workflow from left to right)
  - Mouse Position
  - Get footprint info
  - Select features by point
  - Select features by bounding box
  - Zoom to selection
  - Toggle Selection visibility
  - Clear selection
  - Create layers from selection
- Always wait for the spinning wheel to stop!

iMars webGIS



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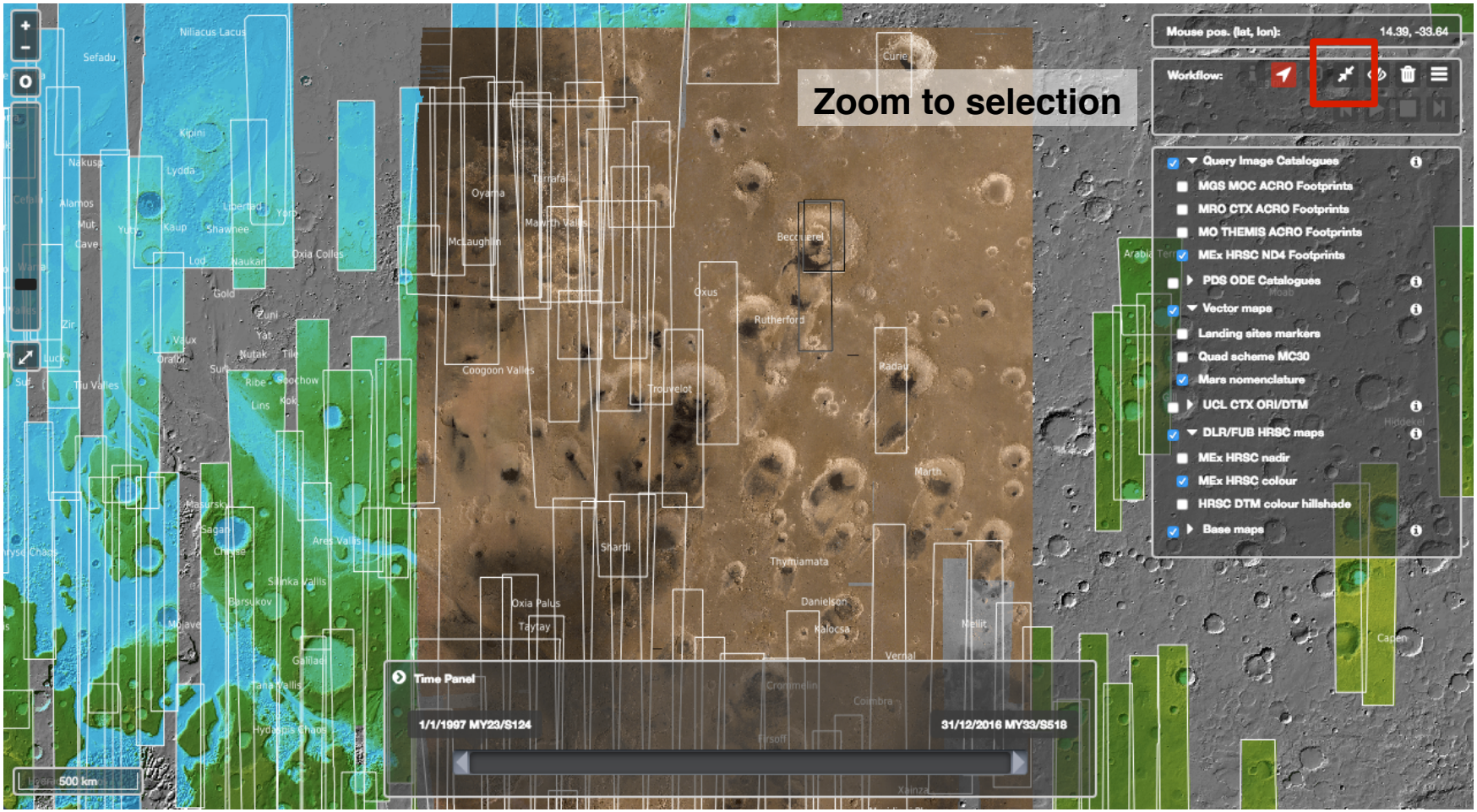

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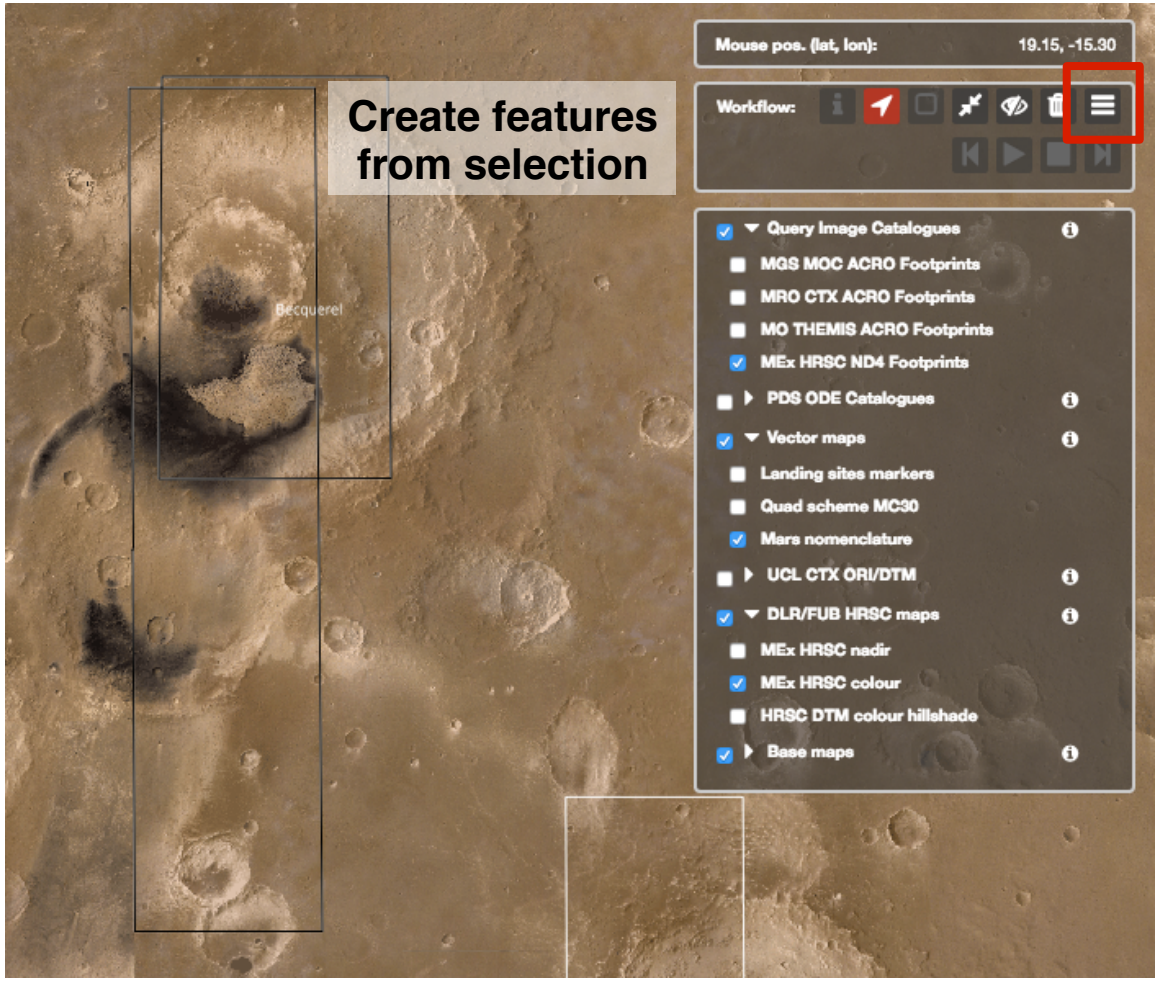
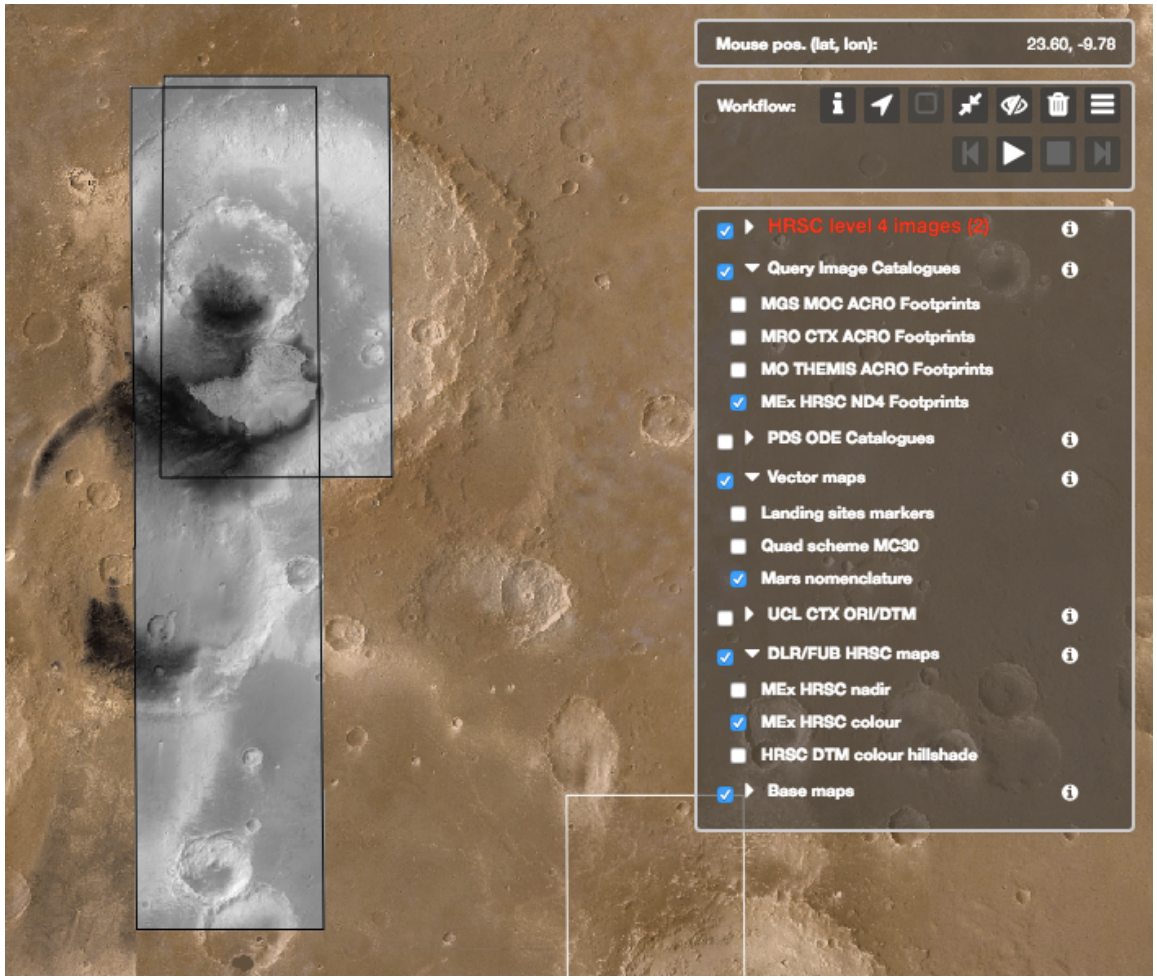


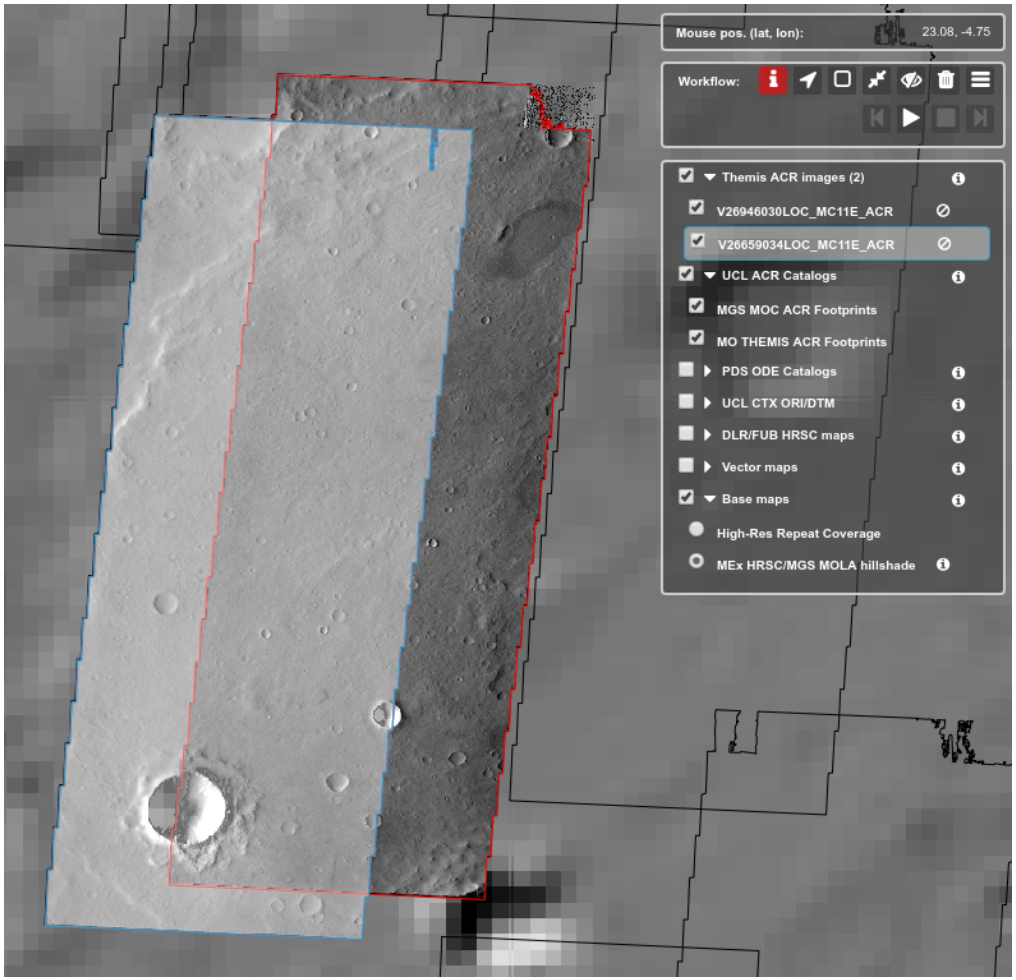
iMars webGIS



iMars webGIS

- **Get Footprint Info**
  - Select „i“ button
  - Select a layer

iMars webGIS



iMars webGIS

- **Cycle layers**
  - Play/Pause
  - Step backward
  - Step forward
  - Stop (show all Layers again)

iMars webGIS

- **Launching iMars webGIS**
  - Adress: **imars.planet.fu-berlin.de/dev**
  - User name: **imars**
  - Password: **wp5**