



# **SSEC / ISRO Collaboration**

#### Tommy Jasmin, Ghansham Sangar, Nitesh Kaushik, many others

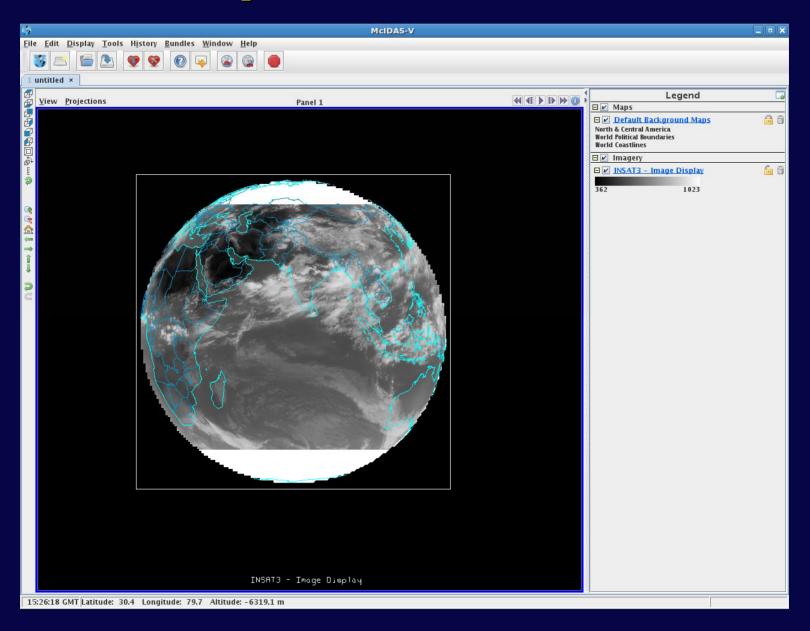


# Kalpana-1 Data in McIDAS-V

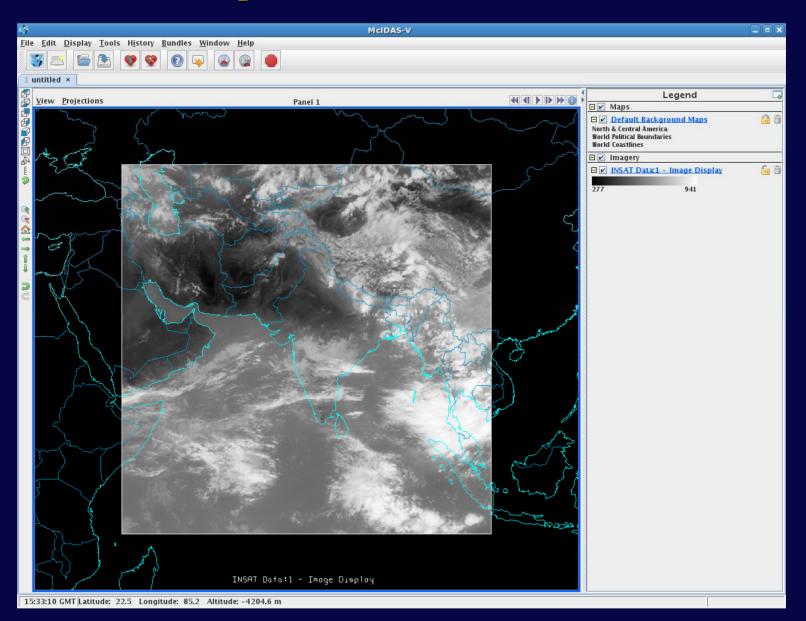
Data Adapters written
VisAD optimizations made along the way
ADDE server developed for HDF5 K1 data, publicly available:

kalpana.ssec.wisc.edu

### Kalpana-1 Data in McIDAS-V



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Scientific Workflow Management in McV

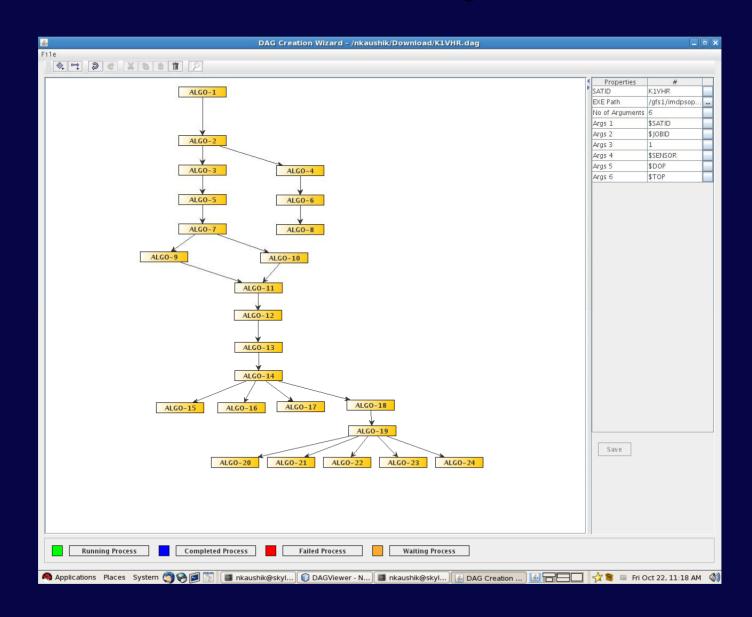
- Remember Origami?
- Search Process Visualize Repeat

Plan proposed by ISRO is to provide a GUI to assemble workflows – each node is an algorithm or process.

Each algorithm is accessible as a dynamically discovered web service.

All integrated with McIDAS-V, developed as a plugin.

# Scientific Workflow Management in McV



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