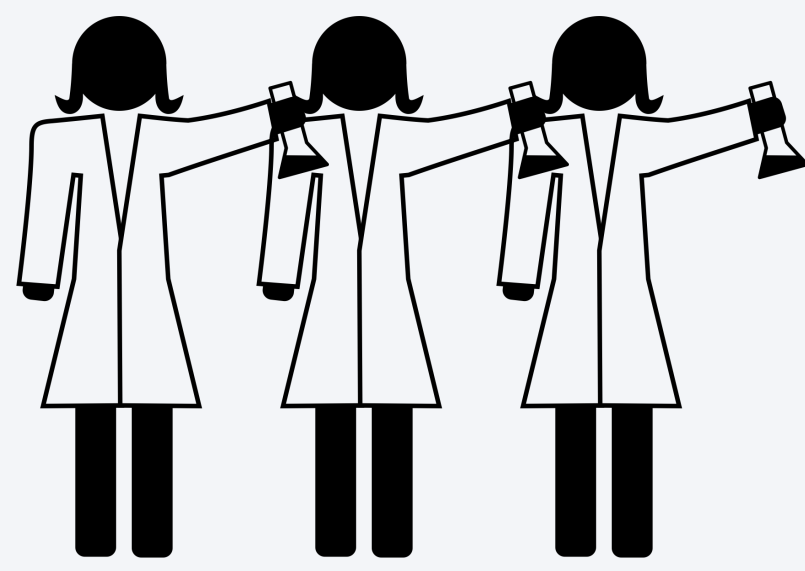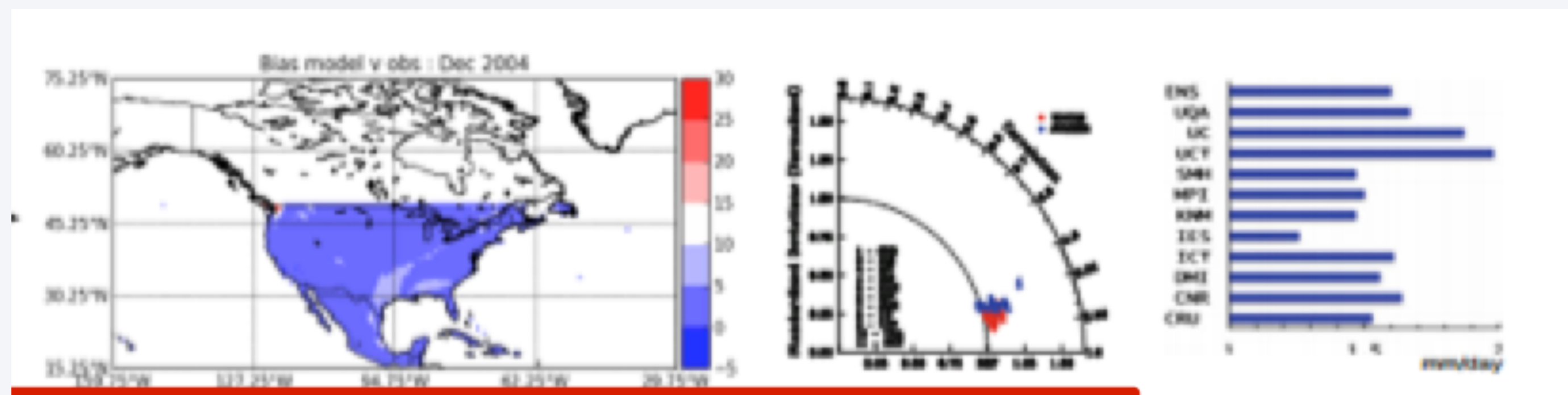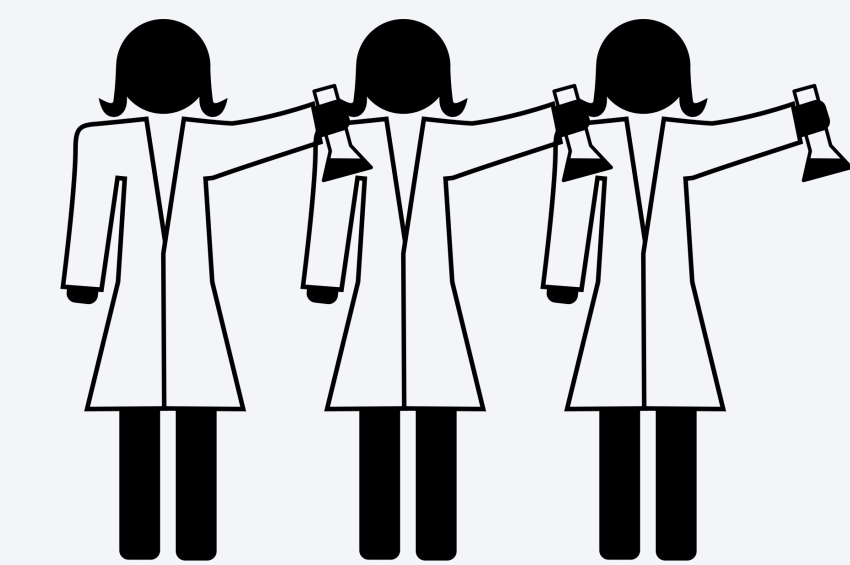# SciSpark

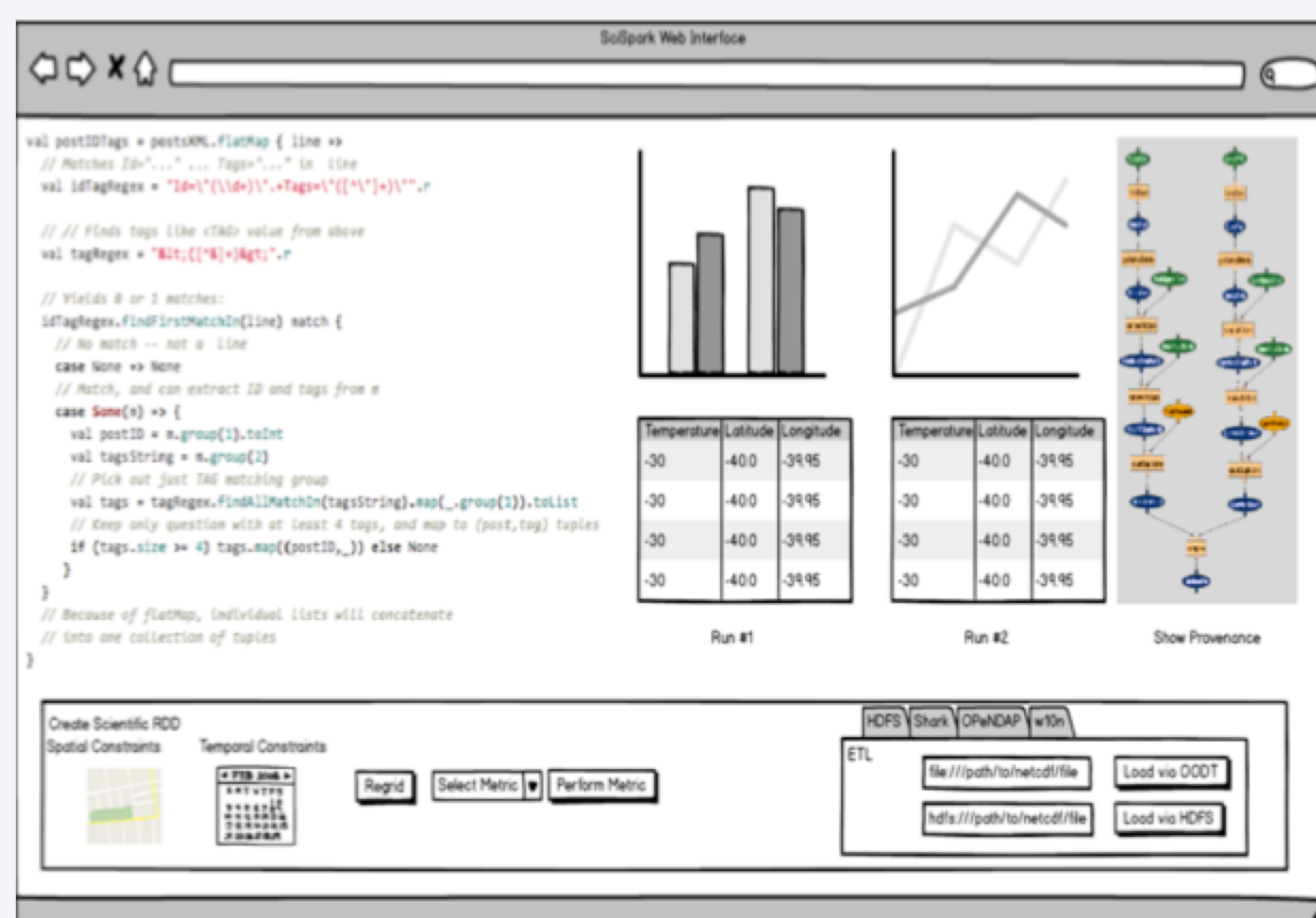**Scientist/ Decision Makers/ Educators/ Students**

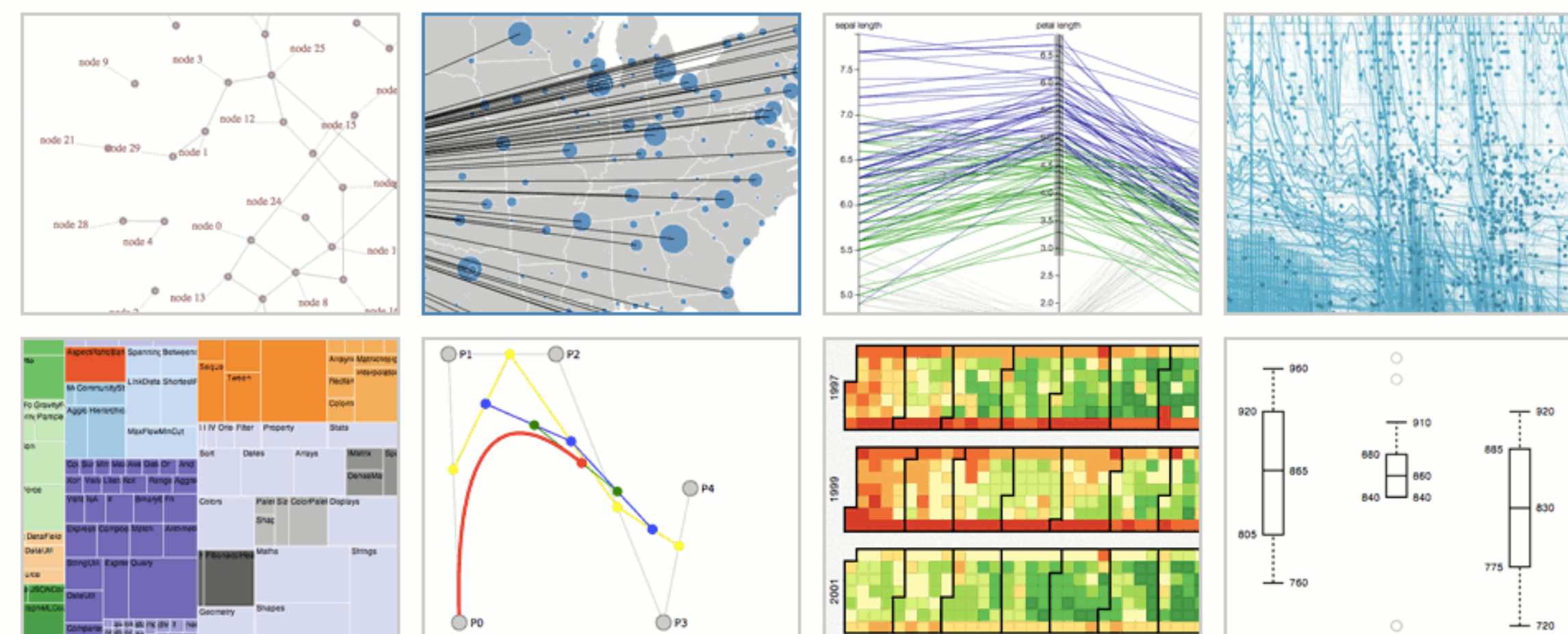**Data Scientists/ Expert Users**

SciSpark User Interface

Data-Driven Documents

Spark SQL

Spark Lightning-Fast Cluster Computing

HDFS/ Shark	Scala (split)	Map	Save/Cache
Load HDF Load NetCDF	Split by Time Split by Region	Regrid Metrics	

Extract, Transform, and Load (ETL)

APACHE OODT   WINGS

Data Centers/ Systems

RCMES   obs4MIPs   ESGF   ExArch   DAACs