

Reproducible Scientific Workflows

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For the Scientists

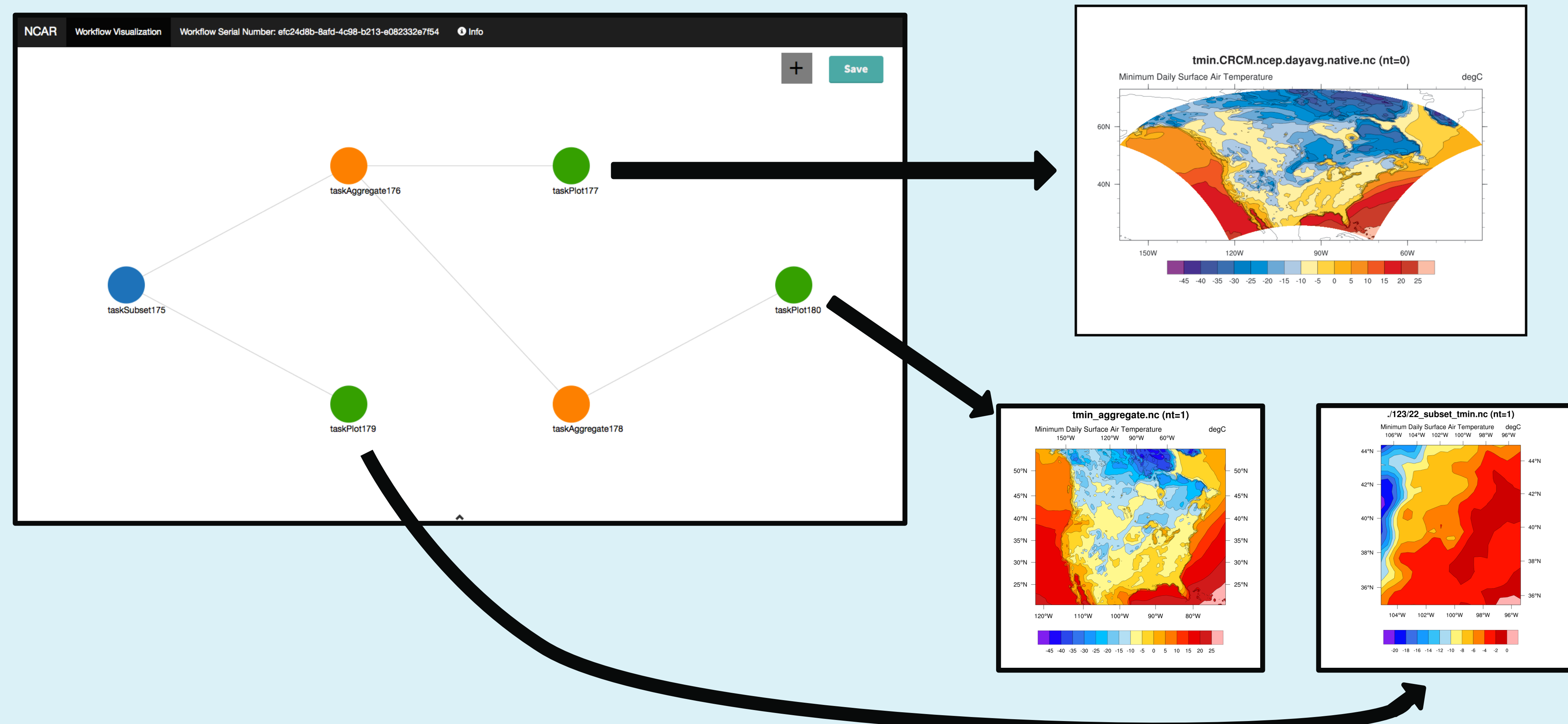
The Climate Analysis Workflow Application not only **separates coding from analysis design**, but allows users to **easily share analyses**.

For the Impact Users

The Climate Analysis Workflow Application **automates scientific expertise** by **providing consistent analysis tools**.

The Product

Visual and Reproducible Data Analysis Workflows



Tools

NARCCAP

python

Tangelo

R

NCL
NCAR Command Language

OPeNDAP

mongoDB

Challenges

- Reproducible Workflows
- Tool Integration
- Learning Curve for Tools
- Priority Changes