


# **DROUGHT RESEARCH INITIATIVE**

***THE PHYSICAL CHARACTERISTICS  
OF AND PROCESSES INFLUENCING  
CANADIAN PRAIRIE DROUGHTS***



# OBJECTIVE OF DRI

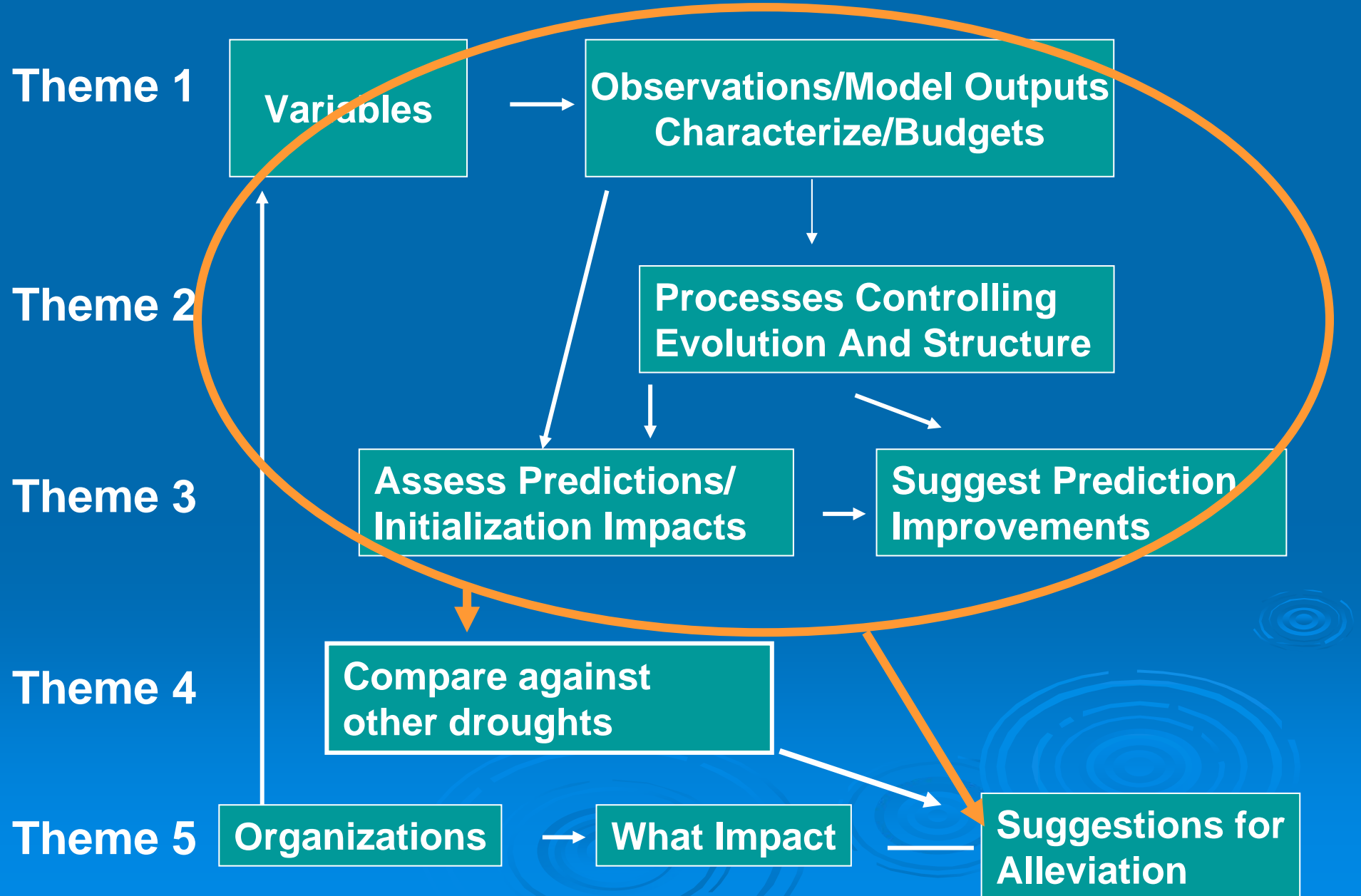
*To better understand the physical characteristics of and processes influencing Canadian Prairie droughts, and to contribute to their better prediction, through a focus on the recent severe drought that began in 1999*



# DRI THEMES

1. **Quantify the physical features** of drought over time and space,
  - flows of water and energy into and out of the region, and
  - storage and redistribution within the region
2. **Improve the understanding** of processes and feedbacks governing the
  - formation,
  - evolution,
  - cessation and
  - structure of the drought
3. Assess and reduce uncertainties in the **prediction of drought** and its structure.
4. **Compare the similarities and differences of current drought to previous droughts and those in other regions**
5. **Apply our progress to address critical issues of importance to society**

# DELIVERABLES AND INTEGRATION OF THEMES



# DRI

- We have our plan but we have to now implement it



# REST OF THE WORKSHOP

For each theme:

- Presentation
  - objective
  - strategy
  - milestones
  - timeline
  - initial objectives
  - issues, challenges and plans
- Breakout
  - working through issues and challenges

# BREAKOUTS

Themes 1-3

how do we proceed?

Themes 4-5:

can we proceed?

if so, how?

