



**NSF EPSCoR Track 2:  
Cyberinfrastructure Development for the  
Western Consortium of Idaho, Nevada,  
and New Mexico**

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Nevada EPSCoR PD



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**Track 2 Goals**

*Promote knowledge transfer to scientists, educators, students, and citizens within and beyond the Consortium by enhancing state CI,*

*Enable the community science that is required to address regional to global scientific and societal challenges related to Climate Change*

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**Objectives**

1. Increase connectivity and bandwidth
2. Enhance data and model interoperability
3. Utilize CI to integrate research and education



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### Overarching Outcome

Our Consortium will better address 21<sup>st</sup> century grand scientific and societal challenges related to climate change through increased competitiveness for research funding and sustained partnerships among our jurisdictions



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### NSF Reviewer Panel Comments

- Connections to National Research Programs in Climate Change and CI, e.g.,
  - CSDMS, TeraGrid, CUASHI/WATERS, EdGCM
- Keep your eye on the prize: Science



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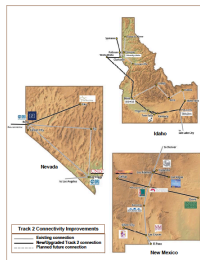
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### Activities

- Connectivity
- Interoperability
- Cyberlearning
- Communication
- Diversity
- Management
- Evaluation



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Roles and Responsibilities		
Role	Persons	Responsibilities
<b>Project Directors/ PIs</b>	ID: Goodwin NV: Dana NM: Michener	-Primary liaison s with NSF -Project management & budgetary oversight -Evaluation (internal & external) oversight -Reporting/ visit oversight
<b>Consortium Component Leads</b>	<b>Connectivity:</b> Harris <b>Interoperability:</b> Benedict <b>Cyberlearning:</b> Glenn	- <b>Conduct</b> Local Component oversight and management -Ensure activities are completed -Ensure objectives are met -Ensure milestones are met -Instrumental in evaluation & Reporting process -Participants in External Advisory Committee Meetings -Provide Component input to annual reports
<b>State Component Leads</b>	ID: Hughett, Goodwin, Glenn, NV: Harris, Dascalu, Crippen NM: Michener, Benedict, Liebrock	- <b>State Level</b> Component Coordination -Ensure activities are completed -Ensure objectives are met -Ensure milestones are met -Provide input for evaluation and reporting
<b>Team Members</b>	ID: Ames, Gessler, McNamara NV: Koracin NM: Galewsky, Coonrod, Thomas	-Contribute to -Completing activities -Meeting objectives -Meeting milestones -Reporting and evaluation

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### Evaluation and Assessment Objectives

1. Refine and improve project implementation
2. Measure progress in meeting goals, objectives, and metrics
3. Assess impact in developing collaborations that address regionally relevant and nationally important climate change science and education
4. Assess impact on enhancing discovery, learning, and economic development through use of CI



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### E&A Mechanisms used by External Evaluator

- Annual component-specific metrics
- State-level feedback; ~25 metrics reported annually to NSF (numbers of publications, patents, grant awards, etc)
- Targeted surveys, observations, and interviews as well as longitudinal analysis of Tracks 1 and 2 RII data collected by each state.



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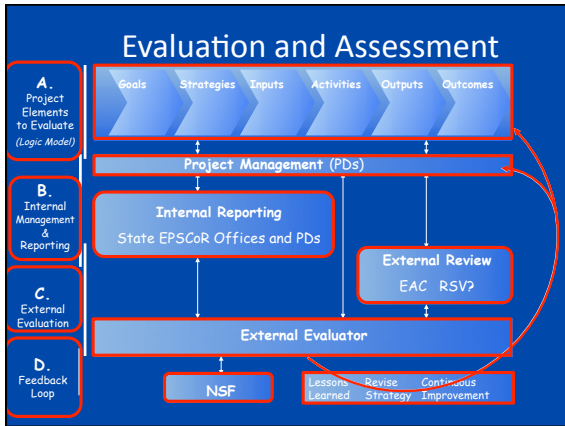
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Western Consortium of Idaho, Nevada, and New Mexico

Questions?

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