

EDUCATION – POSTER #55

Northern Nevada EPSCoR Science Teachers Bring Climate Change to the Classroom

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This poster will highlight laboratory activities/climate change lessons designed by K-12 teachers who participated in the EPSCoR Summer Institutes at UNR.

Teacher-designed activities/lessons and their application to respective grade levels will be the major focus, showing the tangible and applicable results of the EPSCoR Summer Institutes on Washoe County science educators.

The goals of the presentation are to introduce the work of the participating teachers to the NSF EPSCoR general community and to highlight the work the teachers are doing to bring climate change science into their classrooms. The poster will feature the lessons which will be in a laboratory manual for wide distribution via the data portal.

All participants provided detailed copies of the lessons they prepared, either in a usable “lab manual” format or with permission to structure them based on papers written for the course (UNR GEOG 691). The lessons and activities were structured into a laboratory manual format by the UNR EPSCoR G.R.A/Education Coordinator. The laboratory manual will be sent to past EPSCoR Summer Institute participants and uploaded to the data portal.

The poster presentation will be useful for NSF EPSCoR Nevada State Climate Change Meeting attendees as it presents the actual, tangible results of the teacher training. The manual will be made available to participating teachers via direct distribution and the EPSCoR portal as a manuscript form document, pre-publication laboratory book. This will also allow all past participants and teachers throughout Nevada to benefit from useful lessons and activities created by their colleagues.