Water Education Workshop Addresses Next Generation Science Standards

Friday, February 21—4:00-9:00p.m. AND Saturday, February 22—7:00-6:00p.m.
This *free* workshop will be taught at Lincoln County High School
Lincoln County High School, Edwards St, Panaca, NV
Light meal provided

Facilitators: Brian Crosby, NWRPDP—STEM, Lou Loftin, NWRPDP—Science, Mary Kay Wagner, NDEP
Guest Speaker: TBA

Are you confident teaching water education through hands-on, inquiry lessons while addressing Nevada's academic content standards? (science, math and ELA)

Do you have materials and resources for engaging inquiry-based lessons for teaching water education?

Would you like to provide your students with a deeper and more comprehensive understanding of the natural world and the local environment while developing the problem solving skills needed to be productive members in society?

Who should attend?

K-12 School and Community Educators.
If you have attended one of our trainings in the past, you are welcome to attend again. We constantly revise and update our workshop.

Why attend?

Water in Nevada is critical to our environment, our economy and our future. We have learned that environmental education has lasting effect on our later choices and values which in turn have a profound impact on our quality of life. **These are also key component of the NGSS.**

The workshop will address water-literacy pertaining to:

- Watershed boundaries;
- Function and benefits derived from Nevada watersheds;
- Impacts to water quality from NPS pollution and personal practices
- Best practices that lead to environmental stewardship.

1 In-service PDE Credit (NDOE)
Pre-registration is required.
Registration forms are due by February 14, 2014.
Receive materials and PWET 2.0 Curriculum & Activity Guide: **VALUE > $100.**

Complete and return your registration to:

Mary Kay Wagner *(e: mkwagner@ndep.nv.gov)*
Project WET Coordinator
p: 775-687-9454 www.ndep.nv.gov/edu

Please bring your laptop or pad device to the workshop, if possible.
We will be serving Pizza or Sandwiches as a light meal.

Nevada Water Education Workshop Registration Form

This workshop is offered free of charge, thanks to support from Nevada Division of Environmental Protection.

Name: _____

Affiliation: _____

Address: _____ City, State, Zip: _____

Phone Number: _____

Email Address: _____

The workshop will be held Friday February 21—4:00 p.m. to 9:00 p.m. and Saturday February 22—7:00 a.m. to 6:00 p.m. *at Lincoln County High School, Edwards St, Panaca, NV.*
See hyperlink, or call (775) 728-4471 for directions.

Please answer the following survey questions:

Is this your first time attending a PWET water education Workshop? Y / N (circle one)

If you have attend a previous workshop, approximately when _____

How did you learn about this program?

___ From a brochure mailed to me
___ From print media, such as a newspaper or journal
___ By word-of-mouth
___ From email or internet
Other _____

On a scale of 1 to 5, with 1 representing "no or none" and 5 representing "thorough or complete," please indicate your understanding of the following terms and concepts by circling the appropriate number.

	none				complete
Nonpoint source pollution (NPS)	1	2	3	4	5
Clean Water Act (CWA)	1	2	3	4	5
Low impact development (LID)	1	2	3	4	5
Groundwater recharge	1	2	3	4	5
Impervious cover	1	2	3	4	5
Polluted runoff	1	2	3	4	5
Watersheds	1	2	3	4	5
Riparian Buffers	1	2	3	4	5

How many hours per year do you currently teach water education through hands-on, inquiry lessons (such as doing experiments with students)? _____

Do you have a need for materials, equipment, and resources to teach water education through hands-on, inquiry lessons (such as doing experiments with students) in your classroom?

_____

What is your confidence level in teaching water education through hands-on, inquiry lessons (such as doing experiments with students)?

Answer Options	**0%**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100%**
Confidence											

How would you rank your level of support for teaching water education through hands-on, inquiry lessons (such as doing experiments with students)?

Answer Options	not at all supported	minimally supported	neutral	somewhat supported	very supported
level of support					

How familiar are you with the Next Generation Science Standards (NGSS) and its connection to water education for your grade level?

Answer Options	I know nothing about NGSS	not familiar	neutral	somewhat familiar	very familiar
Familiarity with NGSS					

How familiar are you with the Nevada Academic Content Standards (NACS, aka CCSS) and their potential integration with water education for your grade level?

Answer Options	I know nothing about NACS	not familiar	neutral	somewhat familiar	very familiar
Familiarity with NACS					

What school district in Nevada do you teach in?

_____

What grade level are you currently teaching? Check all that apply.

___ K-2 ___ 3-5 ___ 6-8 ___ 9-12

NDEP and NWRPDP facilitators are interested in student responses to an **Essential Question** for water-literacy: *Where does your drinking water come from?*
Please poll your class before the workshop and come prepared for a discussion.

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