

Water

Resource Document

How can we provide water to meet human needs sustainably?

Videos featured in this week's online lectures:

Kenya	United States	China
Beyond Scarcity (UNDP) http://www.youtube.com/watch?v=3jYr8MFTXrM	Running Dry (National Geographic) http://www.youtube.com/watch?v=9sqPuOhBN-A	"Shifting Nature" China from the Inside Episode 3 (PBS) http://www.youtube.com/watch?v=3NQ4gxRWm1g
Water Changes Everything http://www.youtube.com/watch?v=BCHhwxxvQqxg	Why Care About Water? (National Geographic) http://www.youtube.com/watch?v=Fvkzjt3b-dU	Water Trouble in China http://www.youtube.com/watch?v=EMu0cXMxstM
Sanitation Project, Nigeria http://www.youtube.com/watch?v=U-cv9xhdgGg	Cadillac Desert (PBS) [VHS from ASU Library, on YouTube]	
Play Pumps Water System http://www.youtube.com/watch?v=cv1V5gV_nRQ		
LifeStraw Water Solutions http://www.youtube.com/watch?v=M41fhqpTDwE		

Explore these extra resources related to the topic of teachers as change agents:

Online Resources:	Documentaries:
Comparison of water footprints http://awesome.good.is/transparency/web/trans0309walkthi-swayv1.html	Flow [Netflix Streaming, ASU Library DVD]
WaterSim puts you in charge of the Colorado River http://watersim.asu.edu/	Blue Gold— World Water Wars [Netflix Streaming, ASU Library on demand and DVD]
Overview of the global water situation [http://video.nationalgeographic.com/video/player/environment/habitats-environment/freshwater/env-freshwater-whycare.html]	Up the Yangtze [Netflix Streaming]
What is a Water Footprint? http://www.youtube.com/watch?v=GOLf2RbxmzE	
A View of our Future? http://www.youtube.com/watch?v=gdBSWjxKJOE&feature=related	
Are We Running Dry? http://www.youtube.com/watch?v=Qun5HtVXy-s	

Books:	Articles and News Stories:
Cadillac Desert By Marc Risner	None

Educational Resources:	
<p>National Geographic – Earth’s Fresh Water Teaching Guide http://education.nationalgeographic.com/education/multimedia/earths-fresh-water/</p> <p>K-12 Sustainability Education http://wupcenter.mtu.edu/sustainability/sustainability_lesson_plans.html</p> <p>Water Science and Technology for Students and Educators http://water.epa.gov/learn/resources/index.cfm</p> <p>Clean Water Challenge – Classroom Example http://vimeo.com/20653881</p> <p>Water Sense - EPA http://www.epa.gov/watersense/resources/educational_materials.html</p> <p>WET in the City: Water Education for Teachers www.wetcity.org/resources.htm</p> <p>Project Wet - Worldwide Water Education http://projectwet.org/</p>	<p>Teachers Domain: Biomes Interactive Resource http://www.teachersdomain.org/resource/ess05.sci.ess.watcyc.biomemap/</p> <p>Engaging Students Through Global Issues: Activity-Based Lessons and Action Projects by Facing the Future</p> <p>Teaching Global Sustainability in the Primary Grades: A K-4 Curriculum Guide h by Facing the Future</p> <p>Pre K-8 Environmental Education Activity Guide by Project Learning Tree</p> <p>Project WET: Curriculum and Activity Guide 2.0 by Project WET</p> <p>Project Wild: K-12 Curriculum and Activity Guide by Project Wild</p>