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## Protecting Aquatic Life and Human Health from Chemicals and Microbes in Water

### From EPA

**Updated National Recommended Water Quality Criteria - Human Health.** Updates for 94 chemical pollutants, including updated exposure and risk factor assumptions.

Go to Report or www.epa.gov


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### From Collaborators

**GAO − Freshwater Supply Concerns Continue, and Uncertainties Complicate Planning.** GAO-14-430. Impacts of climate change and extreme weather events, as well as the effect of energy sector on water quantity, quality, economic growth, and land use complicate water planning.

Go to Report or www.gao.gov


Go to Tool or www.werf.org


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Go to Report or www.waterrf.org

**NRC − Review of Environmental Protection Agency's State-of-the-Science Evaluation of Nonmonotonic Dose-Response Relationships as they Apply to Endocrine Disrupters.** Recommendations made to improve EPA's processes and strengthen evaluation.

Go to Report or www.nap.edu

Go to Report or www.setac.org


Go to Report

NRC − Review of EPA's Integrated Risk Information System (IRIS) Process. Review of IRIS Process finds improvements have been made; recommendations should be seen as building on progress already made.

Go to Report or www.nap.edu

NRC − Critical Aspects of EPA's IRIS Assessment of Inorganic Arsenic. Evaluates critical issues in assessing cancer and noncancer effects of oral exposure to inorganic arsenic; recommendations on how to address.

Go to Report or www.nap.edu

NRC − Review of the Styrene Assessment in the National Toxicology Program 12th Report on Carcinogens. Concurs with NTP determination of limited, credible evidence that exposure in some occupational settings associated with increase in lymphohematopoietic cancers.

Go to Report or www.nap.edu


Go to Report or www.noaa.gov


Go to Report or www.pubs.usgs.gov

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Recent and Upcoming Meetings

RECENT:


Go to Meeting Page or www.gwpc.org


Go to Meeting Page or www.ngwa.org

2014 WateReuse California Annual Conference. March 16-18, 2014 in Newport Beach, CA.

Go to Meeting Page or www.watereuse.org

29th Annual WateReuse Symposium. September 7-10, 2014 in Dallas, TX.

Go to Meeting Page or www.watereuse.org
Recent Water Research

2014 NAWC Water Summit. October 5-8, 2014, in Fort Lauderdale, FL.
Go to Meeting Page or www.nawc.org

GWPC 2014 Annual Forum. October 6-8, 2014 in Seattle, WA.
Go to Meeting Page or www.gwpc.org

Go to Meeting Page or www.amwa.net

Go to Meeting Page or www.asdwa.org

SETAC North America 35th Annual Meeting.
November 9-13, 2014 in Vancouver, BC, Canada.
Go to Meeting Page or www.setac.org

Upcoming:

54th SOT Annual Meeting & ToxExpo. March 22-26, 2015, in San Diego, CA.
Go to Meeting Page or www.toxicology.org

ACE15 – Uniting the World of Water. June 7-10, 2015, in Anaheim, CA.
Go to Meeting Page or www.awwa.org

30th Annual WateReuse Symposium. September 13-16, 2015, in Seattle, WA.
Go to Meeting Page or www.waterreuse.org

WaterPro Conference. September 28-30, 2015, in Oklahoma City, OK.
Go to Meeting Page or www.waterpro.org

SETAC North America 36 Annual Meeting. November 1-5, 2015 in Salt Lake City, UT.
Go to Meeting Page or www.setac.org

2015 Industrial and Commercial Water Reuse Conference. February 1-3, 2015, in Austin, TX.
Go to Meeting Page or www.waterreuse.org
Innovative and Affordable Tools and Technologies for Sustainable Public Health Protection

From EPA


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From Collaborators


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Go to Report or www.watereuse.org


Go to Report or www.watereuse.org

Approaches to Maintaining Consistently High Quality Recycled Water in Storage and Distribution Systems. Thomure, T.M., 2014. WRRF-08-04. Findings: quality deteriorated with residence time; pathogens found beyond point of compliance; pathogens regrow following disinfection; fecal indicators rarely found.

Go to Report or www.watereuse.org/catalog/foundation-research-reports


Go to Report or www.watereuse.org


Go to Report or www.werf.org


Go to News Release or www.nsf.gov

DOE − The Water-Energy Nexus: Challenges and Opportunities. Water scarcity, variability, and uncertainty becoming more prominent; collaboration with DOE’s current and potential partners is crucial.

Go to Report or www.energy.gov

Go to Report or www.wateruse.org


Go to Report or www.desalination.biz

Fit for Purpose Water: the Cost of Overtreating Reclaimed Water. Water Reuse Association, WRRF-10-01. Framework to ensure selection of appropriate treatment without expending unnecessary funds, energy, and greenhouse gas emissions.

Go to Report or www.desalination.biz


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Recent and Upcoming Meetings

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WEF Midyear Meeting. January 29-February 1, 2014 in New Orleans, LA.

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AWWA/AMTA Membrane Technology Conference & Exposition. March 10-13, 2014 in Las Vegas, NV.

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Go to Meeting Page or www.werf.org

WaterPro Conference. October 6-8, 2014 in Seattle, WA.

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NWRA Annual Conference. November 12-14, 2014 in Coronado, CA.

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Go to Meeting Page or www.nwri-usa.org


Go to Meeting Page or www.awwa.org
Recent Water Research

Ecological Systems Approach to Protect and Restore Sustainable Water Quality and Water Quantity on a Watershed Basis

From EPA

2013 Highlights of Progress: Responses to Climate Change by the EPA National Water Program. EPA 850-R-14-002. Summary of NWP and regional program accomplishments; major ORD research projects.

Go to Report or www.epa.gov

From Collaborators


Go to Report or www.estuaries.org


Go to News Release or www.cdc.gov/mmwr

NOAA − Mapping Climate Change in the Oceans. 41702. New web portal maps climate change effects in oceans; assesses vulnerability of fish stocks to climate change.

Go to Tool or www.noaa.gov/newsarchive.html


Go to Report


Go to Report or www.cses.washington.edu


Go to Report or www.pubs.usgs.gov


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The President’s Climate Data Initiative: Empowering America's Communities to Prepare for the Effects of Climate Change. Competitions for private sector to develop data-driven planning and resilience tools. Alliance for Water Efficiency assisting communities with water use reductions.

Go to News Release or www.whitehouse.gov


Go to Report or www.pubs.usgs.gov

Go to Report or www.noaa.gov


Go to Report or www.noaa.gov/newsarchive.html


Go to Report or pubs.er.usgs.gov


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USGS – Mercury in Fishes from 21 National Parks in the Western United States–Inter- and Intra-Park Variation in Concentrations and Ecological Risk. Eagles-Smith, C.A., et al., 2014. Open-File Report 2014-1051. 1,400 fish collected, concentrations from 9.9 to 1,109 nanograms per gram wet weight; mean of 77.7 ng/g ww.

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Go to Meeting Page or [www.weftec.org](http://www.weftec.org)

**UPCOMING:**


Go to Meeting Page or [www.climateleadershipconference.org](http://www.climateleadershipconference.org)

Sustainable Water Management Conference. March 15-18, 2015, in Portland, OR.

Go to Meeting Page or [www.awwa.org](http://www.awwa.org)

NGWA Groundwater Summit. March 16-18, 2015, in San Antonio, TX.

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