

Environmental Health

Dedicated to the advancement of the environmental health professional

Volume 81, No. 5 December 2018

ABOUT THE COVER



This month's cover article, "Barriers to Managing Private Wells and Septic Systems in Underserved Communities: Mental Models of Homeowner Decision Making," explores under-

bounded communities that are disproportionately exposed to water contaminants and face elevated health risks. Through semistructured interviews with residents in such communities, the authors sought to identify knowledge gaps and misconceptions regarding the monitoring and maintenance of private wells and septic systems. The interview results suggest that testing is inhibited by a lack of awareness of well maintenance guidelines, overreliance on sensory information, poor understanding of exposure pathways, and cost. The highlights of the article point to the need for risk communication materials that target at-risk communities

See page 8.

Cover photos © istockphoto | Mitsuo Tamaki, SvetaVo

ADVANCEMENT OF THE SCIENCE

Barriers to Managing Private Wells and Septic Systems in Underserved Communities: Mental Models of Homeowner Decision Making.....	8
Cooling Tower Maintenance Practices and <i>Legionella</i> Prevalence, Allegheny County, Pennsylvania, 2016.....	16
Estimation of the Prevalence of Undocumented and Abandoned Rural Private Wells in McDonough County, Illinois.....	26

ADVANCEMENT OF THE PRACTICE

Direct From AAS: <i>Environmental Health: The Invisible Profession</i>	34
Direct From CDC/EHS: <i>Emergency Response Training in California: Piloting the Environmental Health Training in Emergency Response Operations Course in a Local Environmental Health Department</i>	36

ADVANCEMENT OF THE PRACTITIONER

Career Opportunities	38
EH Calendar.....	38
JEH Quiz #3.....	40
Resource Corner.....	42
People on the Move.....	44

YOUR ASSOCIATION

President's Message: <i>Vector and Pest Control: What Are You—What Are We—Doing About It?</i>	6
NEHA Organizational Members.....	46
Special Listing	48
NEHA News	50
NEHA 2019 AEC.....	53
DirecTalk: Musings From the 10th Floor: <i>Shake the Snow Globe</i>	54

E-JOURNAL ARTICLE

International Perspectives: <i>Is Air Pollution a Risk Factor for Sleep-Disordered Breathing in Children? A Study in the Province of Varese, Italy</i>	E1
--	----

ADVERTISERS INDEX

HealthSpace USA Inc.....	56
Heuresis Corporation.....	41
IDEA EH Program	51
Industrial Test Systems, Inc.....	55
NSF International.....	25
Ozark River Portable Sinks	5
Protec Instrument Corporation.....	39
QuanTem Laboratories, LLC.....	33
Sweeps Software, Inc.....	2
Vector Control Tools and Resources (VeCToR)....	52