HEI-ENERGY LITERATURE DATABASE TAGS

The Energy Research Program literature database includes citations for literature related to potential human exposures and health effects from the onshore development of oil and natural gas from shale and other unconventional resources (UOGD) in the United States. The database includes peer-reviewed and grey literature identified through electronic databases using pre-defined search terms, through reference lists, and through publications sent directly to us from our stakeholders. It is updated weekly.

To support HEI-Energy literature reviews and planning for exposure research, the HEI-Energy staff have assigned pre-defined tags to a subset of the literature. Studies not indicated as tagged by the staff have auto-generated tags from the publishers. Study type tags are color-coded and described in Table 1.

Table 1. Literature Tags Assigned by HEI-Energy

Tag	Description
Air	Reviews, monitors (e.g., air quality), or models UOGD chemicals in air.
Epidemiology	Identifies patterns in human health outcomes. Includes analytical and descriptive epidemiology studies.
Exposure	The objective of the study is to measure or model human exposure to UOGD chemical or non-chemical agents.
Human health risk assessment	Quantifies human health risk using a hazard quotient, hazard index, or cancer slope factor.
Map	Publication appears in HEI-Energy's Spatial Bibliography *[coming soon]*
Modelling	Predicts concentrations of chemical or non-chemical agents in environmental or biological media using mathematical or fate and transport models.
Monitoring	Measures or collects samples of chemical agents or non-chemical agents (e.g., noise, odor, light) and reports concentrations.
Review	Summarizes previously published research on a single theme.
Tagged	Publication was tagged by HEI-Energy staff
Water	Reviews, monitors (e.g., water quality), or models UOGD chemicals in water.

Note: Many publications have tags automatically generated, which the user can also search. These have not been curated or systematically defined by HEI-Energy.

As of July 8, 2020, all literature included in the HEI-Energy literature reviews, the HEI-Energy Spatial Bibliography, and published after January 1, 2019 have been tagged.