

Table 1. Summary of water projects described in this report.

[Q, water quality; A, water availability; H, water hazard; G, groundwater; S, streams; P, precipitation; O, other; L, local; R, regional or multi-county; S, statewide; nationwide]

Organization	Contact	Email	Project Title	Project period	Focus (Q, A, H)	Domain (G, S, P, O)	Project scope (L, R, S, N)	Congressional district (1-9, all)	Page of project summary in this report
Anderson University	Dan F. Ippolito	dfippolito@anderson.edu	Water quality of the White River in Anderson, IN School Branch	continuous	Q	S	L	5	5
Center for Earth and Environmental Science	Pierre Jacinthe	pjacinth@iupui.edu	Watershed Monitoring Project	2007-undetermined	Q	S	L	7	5
Citizens Energy Group	Ann McGiver	AMciver@citizensenergygroup.com	Environmental Stewardship	1991-undetermined	Q	S	L	7	6
Elkhart Public Works and Utilities	Joe Foy	Joe.Foy@coei.org	City of Elhart monitoring	1972-undetermined	Q	S	L	2	6
Hamilton County Soil and Water Conservation District	Ginger Davis	ginger.davis@hamiltoncounty.in.gov	Private well water monitoring and maintenance initiative	2017-undetermined	Q, H	G	L	5	6
Indiana Department of Environmental Management	Jim Sullivan	jsulliva@idem.in.gov	Statewide ground water monitoring network	2008-undetermined	Q	G	S	All	7
Indiana Department of Environmental Management	Marylou Renshaw	mrenshaw@idem.in.gov	Fixed station monitoring, probabilistic monitoring, contaminants monitoring program, blue-green algae beach sampling, performance measures monitoring, thermal verification projects	Continuous	Q, H	S, G, O	S	All	7-9
IDNR, Div. of Reclamation	Mark Stacy	mstacy@dnr.in.gov	Surface water quality impacts of pre-SMCRA coal mining activities	1994-undetermined	Q	S	R	8	9
Indiana Department of Natural Resources-Division of Water	Mark Basch or Bill Davis	mbasch@dnr.in.gov wdavis@dnr.in.gov	Indiana's water shortage plan	Continuous	A	G,S,P	S	All	10
Indiana Department of Natural Resources-Division of Water	Bill Davis	wdavis@dnr.in.gov	Indiana water resource updates	Continuous	A	G, S, P, O	S	All	10

Indiana Department of Natural Resources-Division of Water	Mark Basch	mbasch@dnr.in.gov	Great Lakes-St. Lawrence River Basin resources compact	Continuous	Q, A	H, G, S, O	R	1, 2, 3	11
Indiana Department of Natural Resources-Division of Water	Bill Davis	wdavis@dnr.in.gov	Voluntary monitoring program	Continuous	A	G	S, N	All	11
Indiana Department of Natural Resources-Division of Water	Bill Davis	wdavis@dnr.in.gov	Potentiometric surface mapping	Continuous	A	G	S	All	11
Indiana Department of Natural Resources-Division of Water	Mark Basch	mbasch@dnr.in.gov	Emergency regulation of groundwater rights and of surface water rights	Continuous	Q, A	G, S, O	S	All	12
Indiana Department of Natural Resources-Division of Water	Mark Basch	mbasch@dnr.in.gov	Water use reporting significant water withdrawal registration	Continuous	A	G,S,O	S	All	12
Indiana Department of Natural Resources-Division of Water	Mark Basch	mbasch@dnr.in.gov	Water well driller and pump installer licensing, continuing education, water well record submittal, well and pump installation standards	Continuous	A	G	S	All	12
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Bedrock topography (BRT) of Indiana	2010-undetermined	A	O	S	All	13
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Groundwater geochemistry of Indiana aquifers	1986-undetermined	Q	G	S	All	13
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	The Indiana Water Balance Network	1997-undetermined	A	P,O,G	S	All	13
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Near-surface energy and water budgets	1997-undetermined	A	P,O,G	S	All	14
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Unconsolidated sediment database description tool	2016-undetermined	A	G	S	All	14
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Indiana School Lead Sampling Program	2017 - 2018	Q	S,G	S	All	14
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Persistence of chloride in the water-distribution pathway	2017 - 2018	Q	S,G	S	All	15

Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Spatial analysis of significant water withdrawal facilities in Indiana	2015-2018	A	S,G	S	All	15
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Geological investigations to understand the distribution of arsenic in groundwater	2015-undetermined	Q	G	S	All	16
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Evaluating tillage practices on near-surface groundwater recharge: School Branch Watershed, Hendricks County, Indiana	2014-undetermined	A	P,O,G	L	4	16
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Long-term monitoring of an urban/forest interface	2004-undetermined	A	S,G	L	9	16
Indiana Geological and Water Survey	Sally Letsinger	sletsing@indiana.edu	Incorporating hydrogeological studies into USGS-funded STATEMAP projects	2017-undetermined	A	G	S	All	17
Indiana State Department of Agriculture	Julie Harrold	jharrold@isda.in.gov	Highlighting Indiana's Commitment to Enhance Water Quality through the use of GIS Story Maps of the Major River and Lake Basins in Indiana	2017-undetermined	Q	O	S	All	17
Indiana State Department of Health	Andrew Pappas	apappas@isdh.in.gov	Public Health Drinking Water Program	2015-2020	Q, H	G, S	S	All	17
Indiana University Northwest	Erin Argyilan	eargyila@iun.edu	Great Lakes innovative stewardship through education network (GLISTEN) Manchester	2010-undetermined	A,O	All	L	1,2	18
Manchester University, Environmental Studies	Jerry Sweeten	jesweeten@manchester.edu	University, Biology Department: Eel River watershed	2009-undetermined	Q,H	S,O	R	2	18

Marion County Public Health Department	Gretchen Quirk	gquirk@marionhealth.org	Marion County Public Health Department Monitoring	Surface Water: 1995-undetermined Groundwater: 2007-undetermined	Q	S	L	7	19
Muncie	Rick Conrad	rconrad@msdeng.com	Muncie Bureau of Water Quality	1972 - undetermined	Q	S	L	6	20
Ohio River Valley Water Sanitation Commission	Jason Heath	jheath@orsanco.org	ORSANCO fixed sampling sites	2001-undetermined	O	S	S	All	20
Purdue University	Margaret Gitau	mgitau@purdue.edu	Land use, land management, and climate trends and impacts on hydrology and water quality	2015-undetermined	Q	S,P,O	R	3	20
Purdue University	Sara McMillan	mcmill@purdue.edu	Floodplain restoration in the Wabash River Basin	2017-undetermined	Q	G, S, P	R	4	21
Purdue University	Indrajeet Chaubey	ichaubey@purdue.edu	Monitoring and Modeling Strategies to Protect Water Quality	2007-undetermined	Q,A	S,P,O	L,R,S	All	21
Purdue University	Keith Cherkauer	cherkaue@purdue.edu	Statewide Hydrologic Modeling Efforts	2004-undetermined	A	G, S, p, O	R, S	All	22
Purdue University	Laura Bowling	bowling@purdue.edu	Naturalized streamflow for the Wabash River	1968-undetermined	A	S	R	2,3,4,5	22
Purdue University	Laura Bowling	bowling@purdue.edu	Agricultural wetland monitoring in Tippecanoe County	2007-undetermined	Q	S, O	L	4	23
Purdue University	Jane Frankenberger	frankb@purdue.edu	Controlled drainage nutrient load reduction monitoring	2005-20017	A, Q	O	L	6	23
Purdue University	Ron Turco	rturco@purdue.edu	Wabash River sampling blitz	2009-undetermined	Q	S	L	4	23
St. Joseph River Watershed Initiative	Bob Gillespie	gillespi@ipfw.edu	Water quality monitoring program	1996-undetermined	Q	S	R	3	24
Notre Dame	Jennifer Tank	tank.1@nd.edu	Indiana Watershed Initiative	2012-undetermined	Q	S	R	2,4	24

University Of Southern Indiana Geology and Physics	Paul K. Doss	pdoss@usi.edu	USI Groundwater Monitoring Lab	2002-undetermined	Q, A	G, P	L, R	8	25
USACE Louisville District	Jade L. Young	Jade.L.Young@usace.army.mil	U.S. Army Corps of Engineers 2017 water quality sampling	2017-undetermined	Q	S,O	R	2-9	25
U.S. Department of Agriculture - Agricultural Research Service	Dennis Flanagan	Dennis.Flanagan@ars.usda.gov	National Soil Erosion Research Laboratory	1954-undetermined	Q	S, P, O	N	All	26
U.S. Department of Agriculture Natural Resources Conservation Service & Partners	Shannon Zezula	shannon.zezula@in.usda.gov	School Branch watershed monitoring project: an exemplary collaboration	2014-undetermined	Q	G, S, P, O	R	4, 7	26
U.S. Geological Survey	Jeff Woods	jwoods@usgs.gov	USGS Streamgages in Indiana	1903-undetermined	Q, A, H	G, S, P, O	S	All	26
U.S. Geological Survey	Randy Bayless	ebayless@usgs.gov	USGS groundwater network in Indiana	1935-undetermined	A, H	G	N	All	27
U.S. Geological Survey	Travis Cole	tcole@usgs.gov	Indiana periodic groundwater networks	1970's-undetermined	Q, A, H	G	L, R	1, 2, 5	27
U.S. Geological Survey	Tim Lathrop	trlathro@usgs.gov	USGS Super Gages in Indiana	2007-undetermined	Q,H	S,P,O	L,R,S	All	28
U.S. Geological Survey	Gary Martin	grmartin@usgs.gov	Estimated water use in Indiana	1950-undetermined	A	G, S	N	All	29
U.S. Geological Survey	Travis Cole	tcole@usgs.gov	Kankakee River groundwater and surface-water interaction study	2016-undetermined	Q, H	G, S, P, O	R	All	29
U.S. Geological Survey	Travis Cole	tcole@usgs.gov	Evaluation of restoration efforts at urban beaches on southern and western Lake Michigan	2015-undetermined	Q, H	G, S, P, O	R	1	30
U.S. Geological Survey	Megan Shoda	meshoda@usgs.gov	National assessment of pesticides in streams, rivers, and groundwater	1992-undetermined	Q	S	N	all	30
U.S. Geological Survey	Jeff Frey	jwfrey@usgs.gov	National Water Quality Network for Rivers and Streams	1992-undetermined	Q	S	N	6,8	31

U.S. Geological Survey	Martin Risch	mrrisch@usgs.gov	Long-term monitoring of precipitation chemistry and mercury in Indiana	1985-undetermined	Q, P	S, N	S, N	All	31
U.S. Geological Survey	David Lampe	dclampe@usgs.gov	Monitoring and quantifying the impacts of green infrastructure on storm water flows in urban environments	2016-undetermined	Q, A	G, P, O	L	1	32
U.S. Geological Survey	Edward Dobrowolski	edobrowo@usgs.gov	Edge of field monitoring in Black Creek watershed in northeastern, Indiana	2015-undetermined	Q	S, O	R	3	33
U.S. Geological Survey	Edward Dobrowolski	edobrowo@usgs.gov	Hydraulic and water quality evaluations of invasive carp	2013-undetermined	O	O	N	All	33
U.S. Geological Survey	Edward Dobrowolski	edobrowo@usgs.gov	Monitoring water quality in the St. Mary's watershed	2017-undetermined	Q	S	R	3	34
U.S. Geological Survey	Paul Buszka	pmbuszka@usgs.gov	Great Lakes tributary monitoring	2010-undetermined	Q	Q	R	1	34
U.S. Geological Survey	Paul Buszka	pmbuszka@usgs.gov	Contaminants of environmental concern	2010-undetermined	Q	Q	R	1	35
U.S. Geological Survey	Leslie Arihood	larihood@usgs.gov	Water quality characteristics of a managed and natural wetland	1997-1999, 2017-2018	Q	G, S	L	1	35
U.S. Geological Survey	Leslie Arihood	larihood@usgs.gov	New approach to groundwater model construction	2007-2008, 2017-2018	A,	G	N	2	36
U.S. Geological Survey	Moon Kim	mkim@usgs.gov	USGS flood inundation mapping program of Indiana	2007-undetermined	H	S	S	all	36
Valparaiso University-Department of Biology	Laurie Eberhardt	laurie.eberhardt@valpo.edu	Biomonitoring of headwater streams in Northwest Indiana, Salt Creek watershed	2013-undetermined	Q	S	L	1	37
Valparaiso University-Department of Biology	Laurie Eberhardt	laurie.eberhardt@valpo.edu	Biomonitoring of storm water	2004-undetermined	Q	S	L	1	37

