FY 2016 EXCHANGE NETWORK GRANT PROGRAM AWARDS
Office of Environmental Information
U.S. Environmental Protection Agency
FY 16 Grants

FY 2016 EXCHANGE NETWORK GRANT PROGRAM RECIPIENTS		
Recipient Name	**Total Number of Awards**	**Total Amount of Awards**
States	25	$6,330,786.00
Tribes	5	$2,071,104.00
Territories	2	$253,193.00
All Recipients	**32**	**$8,655,083.00**

FY 2016 EXCHANGE NETWORK GRANT PROGRAM RECIPIENTS				
Recipient Name	**Project Description**	**Registered Components**	**Award Amount**	**Award Date**
STATES / INSTRUMENTALITIES OF THE STATE				
Alaska - Department of Natural Resources	The Alaska Department of Natural Resources proposes to implement a radon data flow; enable Geological Geospatial Data Exchange, and develop an online interactive application to display radon-geology data.	*Not Available*	$299,994	8/16/2016

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Alabama - Department of Environmental Management	The Alabama Department of Environmental Management proposes to submit Alabama's 2018 Integrated Report and Total Maximum Daily Load (TMDL) information and data using the Assessment Total Maximum Daily Load Tracking and Implementation System (ATTAINS) dataflow. The Project includes extensive requirements and a design phase. This will ensure that the work completed is compatible with the Water Resources Database (WRDB), an existing, free database supported by EPA, to compile and import external data, and to analyze Data EValuation and Assessment (DEVAS) datasets using WRDB analysis and mapping tools. Developing a data flow for providing assessment and TMDL tracking Information to EPA's ATTAINS database will make information readily available to ADEM personnel, EPA and other stakeholders.	*Not Available*	$210,760	9/14/2016
California - Environmental Protection Agency	The California Environmental Protection Agency proposes to expand and improve a geospatial web discovery tool for California facilities and sites regulated under environmental protection law. The intent is to reduce data reporting burden and support better decision making for the public, state, local and tribal entities. These activities will expand the Unified Program Open Data Exchange System called CalEnviroView by adding source data sets within the EN Tier 1 priority areas and other environmental interest systems. These systems include: STORET, WQX, FRS, SWIS and CA Division of Occupational Safety and Health Administration.	*Not Available*	$300,000	8/9/2016

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Colorado - Department of Public Health and Environment	The Colorado Department of Public Health and Environment proposes to develop a system to manage watershed based information and submit that information to U.S. EPA via the ATTAINS data exchange. This system will help track information internally and allow the department to participate in the Water Quality Framework.	*Not Available*	$274,148	8/31/2016
Delaware - Department of Natural Resources and Environmental Control	The Delaware Department of Natural Resources (DNREC) proposes to update the Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES).	15237	$84,252	8/4/2016
Georgia - Department of Natural Resources	The Georgia Department of Natural Resources proposes to update the Georgia EnvirOnmental Monitoring and Assessment System (GOMAS) to match the new Assessment Total Maximum Daily Load Tracking and Implementation System (ATTAINS) schema. They will also implement an ATTAINS data flow through the virtual node; update Georgia's Cross-Media Electronic Reporting Regulation (CROMERR) compliant e-Reporting system, the Georgia Environmental Protection Division Online System (GEOS), for electronic notice of intent (eNOI An information flow will be established ffrom Georgia's CROMERR compliant eReporting system (GEOS) to EPA's Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES) database through the virtual node.	*Not Available*	$300,000	8/1/2016

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Illinois - Environmental Protection Agency	The Illinois Environmental Protection Agency proposes to establish an eReporting framework which will support reporting for Notices of Intent (NOI), Notices of Termination (NOTs), and the Municipal Separate Storm Sewer System (MS4).	*Not Available*	$300,000	9/22/2016
Indiana - Department of Environmental Management	The Indiana Department of Environmental Management proposes to implement enhancements to the agency's enterprise information system (TEMP0360) to support Appendix A required data elements for the Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES).	*Not Available*	$500,000	9/1/2016
Iowa - Department of Natural Resources	The Iowa Department of Natural Resources (DNR) proposes to improve the dataflow of Drinking Water information by modernizing the DNR Water Container (a state system) to a web-based application. This will allow a wider range of personnel to report more accurate data to SDWIS Prime. Enforcement and compliance will be more accurate as it will not have to be manually entered SDWIS.	*Not Available*	$300,000	6/17/2016
Kentucky - National Resources and Environmental Protection Cabinet	The Kentucky Energy and Environment Cabinet proposes to create web application programming interfaces (API) using Representational State Transfer (RESTful) web services; enhance the eSearch website by creating a dynamic data publishing module; enhance a ReportsTool application for Rapid Data Set Generation; and conduct project management, reporting, documentation, and knowledge transfer to other EN partners.	*Not Available*	$297,934	11/7/2016

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Recipient Name	**Project Description**	**Registered Components**	**Award Amount**	**Award Date**
Massachusetts - Department of Environmental Protection	The Massachusetts Department of Environmental Protection (MassDEP) proposes to adopt and update National Hydrography Dataset (NHD) as the official State hydrography layer; publish monitoring stations, assessment units and water quality (WQ) standards classifications in NHD; design and implement an interactive, web-based tool to provide public access to statewide surface water quality monitoring data, assessment and Integrated List decisions and Water Quality Standards (WQS) classifications	*Not Available*	$300,000	8/2/2016
Minnesota - Department of Health	The Minnesota Department of Health proposes to implement a Compliance Monitoring Data Portal (CMDP) data flow.	*Not Available*	$197,300	8/3/2016
Missouri - Department of Natural Resources	The Missouri Department of Natural Resources proposes to enhance the ePermitting/eApplication system for electronic Notice of Intent (eNOI) for new, renewed, modified and terminated permits.	*Not Available*	$300,000	8/10/2016
Montana - Department of Environmental Quality	The Montana Department of Environmental Quality proposes to implement new Assessment Total Maximum Daily Load Tracking and Implementation System (ATTAINS) v1.1 into the MT Water Quality Assessment database system (WARD); integrate WARD and OpenNode2 components to provide successful data flow of New ATTAINS v1.1 schema and the Water Quality Framework; and design, develop, and integrate the Water Quality Portal into Water Quality Planning Bureau (WQPB) applications.	*Not Available*	$300,000	9/8/2016

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Nevada - Department of Conservation and Natural Resources	The Nevada Division of Environmental Protection proposes to continue transmittal of data to Assessment Total Maximum Daily Load Tracking and Implementation System (ATTAINS).	14197	$188,532	8/2/2016
New Jersey - Department of Environmental Protection	The New Jersey Department of Environmental Protection proposes to modernize the New Jersey Environmental Management System (NJEMS) by adding new Appendix A data requirements and implement Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES) data flow to the Central Data Exchange (CDX).	*Not Available*	$300,000	12/7/2016
North Dakota - Department of Health	The North Dakota Department of Health proposes to begin electronic reporting of National Pollutant Discharge Elimination System (NPDES) data and to update the existing Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES) dataflow.	*Not Available*	$159,941	9/15/2016
Ohio - Environmental Protection Agency	The Ohio Environmental Protection Agency proposes to build a Java Web-based Surface Water Compliance module. This effort will combine several standalone compliance applications and manual processes into an integrated compliance monitoring tool.	*Not Available*	$125,000	9/15/2016

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Oklahoma - Department of Agriculture, Food and Forestry	The Oklahoma Department of Agriculture, Food and Forestry proposes to analyze, design, and convert data and forms for the Agriculture Pollution Discharge Elimination System (AgPDES); develop a program for AgPDES eForms; deploy online for users; and test and train staff.	*Not Available*	$112,783	9/22/2016
Oregon - Health Authority	The Oregon Health Authority proposes to create a shared, interstate data system for reporting chemicals-in-products data by manufacturers; implement a flow of this data to the Environmental Protection Agency (EPA) and states, and implement a public-facing searchable database.	*Not Available*	$499,540	9/1/2016
South Carolina - Department of Health and Environmental Control	The South Carolina Department of Health and Environmental Control proposes to implement Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES) data flows.	*Not Available*	$111,543	8/15/2016
Utah - Dept. of Natural Resources - Geological Survey	The Utah Geological Survey (UGS) proposes to create a field data entry application for the Groundwater Monitoring Network Data Entry Application. They will create a data entry application and workflow that moves Utah state wetlands data from Utah Geological Survey through Utah State University (USU) to the national Biodiversity Information Serving Our Nation (BISON) and U.S. Department of Agriculture (USDA) Plants databases. They will also create a geographic-based portal for Utah state wetlands data that results in a wetlands data service and a web-based interface that allows for upload and download of plant community composition data.	*Not Available*	$277,899	8/9/2016

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Vermont - Department of Environmental Conservation	The Vermont (VT) Department of Environmental Conservation (DEC) proposes to develop an approach for mapping the additional National Pollutant Discharge Elimination System (NPDES) data required under Phase 1 of the NPDES eReporting Rule to NPDES data fields and then flow that additional data to ICIS-NPDES through OpenNode2. VT will begin receiving data electronically from NPDES regulated entities. This will result in major resources savings for VT, improve accuracy of data reported, and modernize how VT shares our clean water program information with other states.	*Not Available*	$300,000	7/25/2016
Washington - Department of Ecology	The Washington State Department of Ecology proposes to develop and implement a Total Maximum Daily Load (TMDL)/Nonpoint Implementation database and web map application. They will also develop and implement data flows to upload implementation data to the 2018 ATTAINS database.	*Not Available*	$293,654	8/2/2016
Wyoming - Department of Enviornmental Quality	The Wyoming Department of Environmental Quality proposes to update and merge nForm, electronic Discharge Monitoring Report (eDMR), and Wyoming Pollutant Discharge Elimination System (WYPDES) applications to collect and record required information by the National Pollutant Discharge Elimination System Electronic Reporting Rule.	*Not Available*	$297,500	7/26/2016
TRIBES				

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Tribe, Region 9 - **Bishop Paiute Indian Tribal Council**	The Bishop Paiute Tribe proposes to develop a solution to publish integrated water quality data, using the Ambient Water Quality Monitoring System (AWQMS) online database as a data management platform. This will be based on Open Geospatial Consortium standards and will be in line with EPA guidance and sensor network standards. This will allow the flow of real-time continuous water quality data to Bishop Paiute Tribe's online water quality database.	*Not Available*	$282,205	8/12/2016
Tribe, Region 10 - **Columbia River Inter-Tribal Fish Commission**	The Columbia River Inter-Tribal Fish Commission proposes to build tribal capacity that will enhance environmental programs on tribal ceded lands and enhance the tribal partners' ability to electronically share critical salmon and steelhead data with Exchange Network (EN) partners. They will build internal web-based services and systems at the Nez Perce Tribe and Yakama Nation fisheries departments that deliver data to centralized data systems that have the ability to share data with other EN partners They will also expand the newly created Salmon Coordinated Assessment Data Exchange (SCADE-CAX) virtual node to include critical data from tribal partners.	*Not Available*	$499,970	11/4/2016
Tribe, Region 9 - **Gila River Indian Community**	The Gila River Indian Community proposes to partner with four additional agencies in the air quality region - Fort McDowell Yavapai Nation and Maricopa, Pinal, and Pima Counties, Arizona - to develop a regional emissions inventory database and reporting tool to gather, share, and distribute regional air quality data and reduce the resource burden among the partners. All products and solutions will be program-agnostic, so that they can interface with whatever application(s) each partner is using and be posted on the Reusable Component Services (RCS) site to share with users other than the original partners.	*Not Available*	$495,000	9/16/2016

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Tribe, Region 6 - **Muscogee Creek Nation**	The Muscogee Creek Nation proposes to publish data via the Open Dump data exchange flow; develop and implement a tribal service portal; develop real-time monitoring capabilities and publish results.	*Not Available*	$493,930	8/17/2016
Tribe, Region 10 - **Port Gamble Indian Community**	The Port Gamble S'Klallam Tribe proposes to develop and deploy the Port Gamble S'Klallam Tribe's Mobile Application.	*Not Available*	$299,999	9/26/2016
TERRITORIES				
American Samoa - Environmental Protection Agency	The American Samoa Environmental Protection Agency proposes to develop desktop, laptop, and smartphone applications to make environmental data accessible; implement a Water Quality Exchange (WQX) data flow, and enable geospatial data exchange and analysis.	*Not Available*	$172,193	9/1/2016
Commonwealth of Northern Mariana Island - Division of Environmental Quality	The Northern Mariana Islands, Bureau of Environmental and Coastal Quality proposes to create a database for radon data and share that data with the Environmental Protection Agency (EPA) and the public.	*Not Available*	$81,000	8/16/2016