

DIVISION NAME
Employee Development Plan (EDP)

Florida law requires that funds may not be used to pay for travel by state employees to foreign countries, other states, conference or staff training activities unless the Secretary approves, in writing, that such activities are critical to DEP's mission. To simplify the [process for obtaining approvals for mission critical employee development and training activities](#), while ensuring that funds are being spent in an appropriate and justified manner, each Program Administrator is expected to develop an annual plan for their respective Section(s). The plan should include, at a minimum, the information below. Once approved by the Secretary's Office, if there are no changes to the listed information, then no further approval is required except for travel documents which should be submitted for approval prior to attendance. Any changes to the plan require a re-submittal of the entire plan for approval.

Total Annual Operating Budget: \$ 21,955,307
 Total Annual Expense Budget: \$ 2,338,207
 Total Annual Training Budget: \$ 150,728

Prior Year Operating Budget: \$ 22,976,855
 Prior Year Training Budget: \$ 105,825

Submitted by: TOM FRICK (DEAR)
 Director

Date

Approved by: [Signature]
 Deputy Secretary

6/23/17
 Date

Approved by: _____
 Noah Valenstein, Secretary

N.B. [Signature]

 Date
7/12/2017

Notes:

- *It is not necessary to include no cost travel.
- *If the employee is only attending the conference and not speaking, this should be indicated on the training tab. Speakers should be listed on the conference tab.
- *If multiple employees are attending the same training, they may be lumped together in one entry; however, employees must be [identified by position](#) and not just the number of attendees.
- *If training is approved on the EDP, then the signed EDP should be attached on the employee's travel in LiveCycle, if applicable.

Event Date(s)	Name of Event	Overnight Travel Required? (Yes / No)	Travel Location (city, state & hotel or venue name)	Staff Attending	Bureau/ Program	Training or Certification	Vendor (if applicable)	Purpose?	Is attendance required as a condition of a grant? If so, which grant?	Is attendance required by the attendees' position?	Estimated Cost of Travel	Estimated Cost of Training and Associated Fees	Total Requested Event Cost
Aug 2017	Algal Taxonomy Workshop - Greenwater Labs Andy Chapman	No	Tallahassee, FL	EM; ESII	Biology (3)	Attending training	Greenwater Labs	Provide training on recent changes to green algae taxonomy and train new taxonomists on microscope identifications with a focus on HABs and small planktonic species.	No	No	\$ -	\$ 1,500	\$ 1,500
Fall 2017	Florida Association of Benthologists (FAB) Annual Conference	Yes	TBD (Florida)	ESII	Biology	Attending conference (not speaking)	FAB	Attendance enables DEAR staff to share updates on DEP bioassessment methods with macroinvertebrate experts and an audience of professionals who use DEP bioassessment tools. It provides DEAR staff with insights from other Florida professionals about the use of aquatic communities as indicators of water quality conditions and ecosystem function in Florida.	No	No	\$ 500	\$ 125	\$ 625
Fall 2017	Biocriteria/Q Meeting (Fall Meeting)	Yes	Tallahassee, FL	~ 30 from ROCs/Districts; and additional local staff from Tallahassee with no cost (EA; EC; ESIII; ESII)	All DEAR (30)	Attending training	In-house	This meeting will provide DEAR staff the opportunity to conduct quality assurance exercises that ensure consistent data collection across DEP Regional Operation Centers, and learn and practice new assessment techniques.	Yes - 319 Bioassessment	No	\$ 11,500	\$ -	\$ 11,500

Fall 2017	DEP QA Officer Training	Yes	TBD (Florida)	Up to 15 from DEAR; up to 45 from other Divisions (EA; EC; ESIII; ESII)	All DEAR (15)	Attending training	In-house	OUTREACH to DEP QA Officers. At this meeting, agency QA staff in the DEAR Aquatic Ecology and QA Section would provide training to QA Officers about QA concepts, data review, how to conduct audits, and their responsibilities as QA Officers. The meeting would be an opportunity for agency QA Officers to discuss any issues they have encountered, ask questions, and ensure consistency across the agency.	No	No	\$ 10,800	\$ -	\$ 10,800
Fall 2017 & Spring 2018	SAS Statistical Software Training	No	Online	EC	WQAP (2)	Attending training	SAS	This training is critical for the Assessment Section to develop broader staff capability to conduct the computerized components of the 303(d) assessment, which rely on SAS software.	No	No	\$ 9,000	\$ -	\$ 9,000
Fall 2017 & Spring 2018	Surface Water and Groundwater Sampling Training (Status and Trend Networks)	Yes	TBD (Florida)	21 Field Staff (EA; EC; ESIII; ESII)	WQAP (21)	Attending training	In-house	Training will allow new staff from Regional Operations Centers to receive training on DEP SOPs for surface water and ground water sampling in accordance with Status and Trend Monitoring program protocols. This training is focused on status and trend monitoring for new staff, which covers different topics and is geared for different staff than the biocriteria field staff training.	No	Yes	\$ 9,702	\$ -	\$ 9,702
Fall 2017 & Spring 2018	Florida Lake Management Society (FLMS) Local Chapter Meetings	No	TBD (Florida)	16 Field Staff (EA; EC; ESIII; ESII)	WQAP (16)	Attending Training	FLMS	Plant training.	No	Yes	\$ -	\$ 320	\$ 320
Fall or Winter 2017	Water Quality Analysis Simulation Program (WASP) Workshop	No	Tallahassee, FL	12 WQETP Staff (EC; ESIII)	WQETP (12)	Attending training	EPA	(Travel costs are for one EPA instructor to come to Tallahassee to train DEAR staff.) To more efficiently develop TMDLs, the Water Quality Evaluation and TMDL Program (WQETP) has established a long-term training plan designed to create in-house expertise in water quality modeling. The WASP model is part of the selected suite of standard modeling tools for TMDL development and analyses of restoration alternatives in Florida. Developing the in-house modeling expertise will allow the department to produce higher quality TMDLs and save resource for the State by reducing the contract costs.	No	No	\$ 1,000	\$ -	\$ 1,000
Oct 25-27, 2017	Florida Society of Environmental Analysts (FSEA) Fall Meeting	Yes	Jupiter, FL	PA; PM; EC; ESII	Biology; SSS; Chemistry; WQSP	Attending conference (not speaking)	FSEA	Attendee will learn new concepts and/or applications of established concepts, substantial improvements of existing techniques, regulatory and QA/QC issues, and laboratory and field activities. (Cost estimate is for three attendees; costs for one additional attendee expected to be covered by FSEA as in past years.)	No	No	\$ 1,950	\$ 900	\$ 2,850
Nov 2017	Seven Hills Regional Users Group (SHRUG) Annual Workshop (GIS -- OTIS Approved 5/1/2017)	No	Tallahassee, FL	EC; ESIII	WQSP(1); OWS (4)	Attending conference (not speaking)	SHRUG	This local workshop enables DEAR staff to keep current with GIS industry perspectives and advancements. Enhanced GIS skills are essential to analyzing and depicting the geographic and other data necessary to implement DEAR's programs.	No	No	\$ -	\$ 475	\$ 475
Nov 23-25, 2017	GIS-Pro: URISA 55th annual conference (GIS -- OTIS Approved 5/1/2017)	Yes	Jacksonville, FL (Jacksonville Hyatt Regency)	EM; ESIII	WQETP (2); OWS (1)	Attending conference (not speaking)	URISA	The conference educational content celebrates exemplary applications of technology for emergency response, addressing, public health, transportation, economic development, land records, etc. Participants will also share best practices for GIS management and leadership, professional development, and certification. (National conference being held in Florida this year.)	No	No	\$ 1,173	\$ 1,725	\$ 2,898

Dec 2017	Florida Stormwater Association (FSA) 2017 Annual Winter Conference	Yes	Orlando, FL	EA; EC; ESIII	WQAP (2); WQRP (1)	Attending conference (not speaking)	FSA	Attendance will provide opportunity for staff to communicate with interested parties and stakeholders on recent updates and information on the current impaired waters assessment, the 303(d) methodology and implementation of numeric nutrient criteria. Additional benefits include an opportunity to learn and discuss water quality restoration projects and opportunities.	No	No	\$ 1,350	\$ 975	\$ 2,325
Jan 8-13, 2018	2018 Winter Conference on Plasma Spectrochemistry	Yes	Amelia Island, FL	EM	Chemistry	Attending conference (not speaking)	ICP Information Newsletter	This conference is the twelfth in a series of biennial meetings and will focus on plasma spectrochemistry for trace element, stable isotope, and elemental speciation analyses. It will bring together international scientists experienced in applications, instrumentation, and theory in an informal setting to examine recent progress in the field. Approximately 600 participants from 30 countries are expected to attend. With over 300 papers describing applications, fundamentals, and instrumental developments with plasma sources being presented in lecture and poster sessions by more than 200 authors and symposia organized and chaired by recognized experts, it is a unique opportunity for the laboratory to stay current in ICP-OES and ICP-MS analytical theory and techniques and thus be prepared to make the most informed and effective choices when developing new analyses and purchasing new equipment.	No	No	\$ 500	\$ 550	\$ 1,050
Feb 6-7, 2018	University of Florida (UF) Water Institute Symposium	Yes	Gainesville, FL	EM; ESIII	WQETP (2)	Attending conference (not speaking)	UF	Attendance will allow staff to learn about new scientific findings and innovations in watershed restoration, conservation and agricultural best management practices and to network with agency staff, consultants and researchers. Also a great opportunity for DEP staff to make presentations about our own work and achievements.	No	No	\$ 820	\$ 400	\$ 1,220
Feb 26 - Mar 1, 2018	2018 Pittsburg Conference and Exhibition (Pittcon)	Yes	Orlando, FL	EM; CS; ESIII	Chemistry (3)	Attending conference (not speaking)	Pittcon	The Chemistry Laboratory is currently evaluating new analytical instrumentation and techniques used to improve the efficiency, capability and sensitivity of analyses for environmental contaminants. The Pittsburgh Meeting offers a unique opportunity to explore, in one place, virtually everything the market has to offer and to meet with highly knowledgeable technical personnel from various companies and other laboratories. Our laboratory hopes to use this opportunity to stay abreast of developments in analytical technology and to make intelligent, informed purchasing decisions so we may better serve the current and future needs of the agency.	No	No	\$ 1,500	\$ 675	\$ 2,175
Spring 2018	Florida Association of Benthologists (FAB) Taxonomic Workshop	Yes	TBD (Florida)	ESIII; ESII	Biology (2)	Attending conference (not speaking)	FAB	Unlike the more general annual conference, this workshop focuses specifically on taxonomy, a critical component of DEAR's Bioassessment Program. Regular, consistent training ensures the credibility of DE P's taxonomists and the Bioassessment Program.	No	No	\$ 1,000	\$ 400	\$ 1,400

Spring 2018	Biocriteria/Q Meeting (Spring Meeting)	Yes	Tallahassee, FL	~ 30 from ROCs/Districts; and additional local staff from Tallahassee with no cost (EA; EC; ESIII; ESII)	All DEAR (30)	Attending training	In-house	This meeting will provide DEAR staff the opportunity to conduct quality assurance exercises that ensure consistent data collection across DEP Regional Operation Centers, and learn and practice new assessment techniques.	Yes - 319 Bioassessment	No	\$ 11,500	\$ -	\$ 11,500
Apr 22-25, 2018	2018 American Water Resources Association (AWRA) GIS & Water Resources Conference (GIS -- OTIS Approved 5/1/2017)	Yes	Orlando, FL	EC; EM; ESIII	WQRP (1); WQAP (1); OWS (2); WQETP (1)	Attending training	AWRA	2018 AWRA GIS & Water Resources conference: GIS and Water Resources X: Spatial Analysis of Watersheds: Ecological, Hydrological, and Societal Responses (National conference being held in Florida this year.)	No	No	\$ 3,180	\$ 3,250	\$ 6,430
May 2018	Florida Society of Environmental Analysts (FSEA) Spring Meeting	Yes	Clearwater, FL	PA; PM; EC; ESII	Biology; SSS; Chemistry; WQSP	Attending conference (not speaking)	FSEA	Attendee will learn new concepts and/or applications of established concepts, substantial improvements of existing techniques, regulatory and QA/QC issues, and laboratory and field activities. (Cost estimate is for three attendees; costs for one additional attendee expected to be covered by FSEA as in past years.)	No	No	\$ 1,950	\$ 900	\$ 2,850
Jun 2018	Florida Stormwater Association (FSA) 2018 Annual Summer Conference	Yes	Sanibel, FL	EM; EC; ESIII	WQETP (1); WQAP (1); WQRP (1)	Attending conference (not speaking)	FSA	Attendance will allow staff to interact with stormwater and urban runoff professionals while discussing stormwater best management practices, nutrient impacts on surface waters from municipal separate storm sewer systems (MS4), and TMDL development. Additional benefits include an opportunity to learn and discuss water quality restoration projects and opportunities.	No	No	\$ 1,800	\$ 1,300	\$ 3,100
Various (TBD)	Computer Tutors Training for Microsoft Applications	Yes	Tallahassee, FL	ESIII; ESII; ESI	WQAP (8)	Attending training	Computer Tutors	Increase Microsoft application skills. Attendance at Computer Tutor training classes is covered through department's agreements and contracts with the training vendor. This line item on the training plan represents travel for field staff in the ROCs to attend the courses (which are only held in Tallahassee).	No	No	\$ 1,600	\$ -	\$ 1,600
Various (TBD)	Aquarius Time-Series Training	Yes	Tallahassee, FL	4 Field Staff (EC; EM; ESIII; ESII)	WQAP (4)	Attending training	Aquarius	This is training on use of Aquarius Time-Series Software to manage and analyze continuous monitoring (CM) data. Training will allow WQAP staff to use it for management of CM data required for water quality assessment, most importantly dissolved oxygen criterion-related data, prior to WIN handling CM data. Training will allow OWS staff to analyze it for potential application to WIN and to assist DEAR in assuring interim CM work is compatible with WIN.	No	No	\$ 2,000	\$ -	\$ 2,000
Various (TBD)	Wilderness First Aid	No	Orlando, FL or Tallahassee, FL	26 Field Staff (EA; EC; ESIII; ESII)	WQAP (26)	Attending training	In-house	To know how to respond to emergencies in remote areas; field safety.	No	No	\$ 1,600	\$ 200	\$ 1,800
Various (TBD)	User Workflows for ArcGIS Online Organizations (GIS -- OTIS Approved 5/1/2017)	No	Online	ED	WQAP	Attending training	ESRI	Instructor led	No	No	\$ -	\$ 185	\$ 185
Various (TBD)	Communication Styles & Strategies	No	Online	ESIII	WQAP	Attending training	TrainUp.com	Better communication with team, supervisor, customers, and vendors.	No	No	\$ -	\$ 200	\$ 200

Various (TBD)	Intro to qPCR and Absolute Quantification	No	Online	ESI	Biology	Attending training	Applied Biosystems	This course included theory, application and data analysis using Applied Biosystems™ software. The cost includes the reagent kit needed and the trainee will be performing the experiments at DEP labs while taking the course online.	No	No	\$ -	\$ 300	\$ 300
Various (TBD)	CHROMacademy Webcast Training	No	Online	ESI/III	Chemistry	Attending training	CHROMacademy	They offer a wide variety of specialized training webcasts on performing and troubleshooting analytical procedures such as HPLC, GC, mass spec, and solid phase extraction.	No	No	\$ -	\$ 400	\$ 400
Various (TBD)	Project Management Fundamentals	No	Online	EC; ESI/III	OWS (3)	Attending training	Ed2Go	This basic training will provide OWS staff with opportunity to learn and improve project management skills to benefit OWS and DEAR projects. It has application to project management for WIN or other DEAR projects/contracts and to professional development of staff.	No	No	\$ -	\$ 450	\$ 450
Various (TBD)	Project Management Applications	No	Online	EC; ESI/III	OWS (3)	Attending training	Ed2Go	This training expands on project management fundamentals and will enable OWS staff to apply the skills to implement DEAR projects more effectively and with more assured outcomes.	No	No	\$ -	\$ 450	\$ 450
Various (TBD)	Introduction to Statistics	No	Online	EC; ESI/III	OWS (3)	Attending training	Ed2Go	OWS WIN/STORET Coordinators are expanding their skills in data analysis to meet DEAR needs. This introductory/refresher course in statistics is on that path for skill/ professional development	No	No	\$ -	\$ 450	\$ 450
												\$ 90,555	

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Submitted by: TOM FRICK (DEAR)
Director

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Approved by: [Signature]
Deputy Secretary

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Approved by: Noah Valenstein, Secretary

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Notes:
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*If conference or out of state meeting/outreach attendance is approved on the EDP, then the signed EDP should be attached on the employees' travel in LiveCycle.

Event Date(s)	Name of Event	Overnight Travel Required? (Yes / No)	Travel Location (city, state & hotel or venue name)	Staff Attending	Bureau/ Program	Conference, Out of State Meeting or Outreach	Vendor (if applicable)	Purpose ? (OUTREACH: Describe Benefit to DEP)	Will the attendee be presenting?	Is attendance required as a condition of a grant? If so, which grant?	Is attendance required by the attendees' position?	Estimated Cost of Travel	Estimated Registration Cost and Associated Fees	Total Requested Event Cost
Aug 2017	Southern Nursery Association (SNA) Research Conference	Yes	Athens, GA	ESIII	WQETP	Attending conference (not speaking)	SNA	Participants are the top horticultural research and educational leaders from across the country. Hundreds of topics in thirteen categories are shared in presentations that run approximately seven minutes each. A printed agenda, available after June 1, and the conference format permits selection of research topics of special interest for those interested in attending. DEAR attendance will allow staff to better review agricultural best management practices and develop nitrogen inventories for springs where nurseries are a significant source.	No	No	No	\$ 350	\$ -	\$ 350
Aug 7-11, 2017	National Environmental Monitoring Conference and the NELAC Institute Forum on Laboratory Accreditation (Summer Meeting)	Yes	Washington, DC	PA; EC; EM; ESIII	2 total (Biology; SSS; Chemistry; WQSP)	Attending conference (not speaking)	NELAC Institute	"Effectively Communicating Scientific Information." Brings laboratories, regulatory agencies, data users, sampling firms, and many other organizations to discuss cutting-edge changes in environmental laboratory accreditation and future directions in policy that will have a national impact. Affords DEP a critical role in ongoing national efforts to develop sound science-based standards for environmental laboratories. Benefits Floridians by improving data quality and, in, turn, management decisions. DEP's QA Rule requires labs to follow NELAC standards, so it is important for QA Staff to understand those requirements.	No	No	No	\$ 3,832	\$ 990	\$ 4,822
Aug 28-30, 2017	International Conference on Water Microbiology and Novel Technologies	Yes	Philadelphia, PA	ESIII	Biology	Speaking at conference	ConferenceSeries	3 day conference discussing latest advances in lab techniques for water quality analysis, wastewater and drinking water treatment, and bioremediation.	Yes	No	No	\$ 1,000	\$ 1,000	\$ 2,000
Fall 2017	Phycological Society of America (PSA) 39th Annual Southeastern Phycological Colloquy	Yes	TBD (Alabama or Georgia)	EM; ESII	Biology (2)	Speaking at conference	PSA	This conference brings together students and professionals from all over the southeastern U.S. to share their research activities and discuss advances with algae. Keeping up to date with current taxonomic changes and having contacting with leaders in the field ensure the continued success of the department's algal identifications.	Yes	No	No	\$ 740	\$ 420	\$ 1,160
Fall 2017	Region 4 State Laboratory Meeting	Yes	Athens, GA	PA	Biology (1); Chemistry (1)	Attending conference (not speaking)	EPA	The information conveyed at this meeting is important to ensure that laboratory and quality assurance functions in EPA Region 4 state laboratories are aligned with existing and upcoming federal regulations and with current EPA policy directions.	No	No	No	\$ 4,000	\$ -	\$ 4,000
Fall 2017 or Spring 2018	EPA Water Quality Standards Academy	Yes	Decatur, GA	EM; EC	WQSP (1); WQETP (1)	Attending training	EPA	The 5-day course provides a comprehensive understanding of the water quality standards program under the CWA. Training will benefit the state by providing staff with a thorough understanding of National Recommended Water Quality Standards and the scientific and policy bases for developing defensible standards.	No	No	No	\$ 6,000	\$ -	\$ 6,000

Oct 19-20, 2017	12th International Conference on Environmental Toxicology	Yes	Atlanta, GA	ESI	Biology	Attending conference (not speaking)	ConferenceSeries	The conference serve as a venue for toxicologists of various disciplines (such as environmental, food and aquatic toxicology) to have open forums and collaborate will other scientists to gain further knowledge of toxicology. The conference also offers opportunities for participants to attend oral talks, video presentations, poster presentations and exhibitions. This is a great opportunity for our toxicology staff to gain and share knowledge which will directly benefit the FDEP toxicology laboratory.	No	No	No	\$ 620	\$ 999	\$ 1,619
Oct 23-26, 2017	Southeastern Water Pollution Biologists Association (SWPBA) Annual Meeting	Yes	Grand Rivers, KY	ESIII; ESII	Biology (1); WQSP (1)	Attending conference (not speaking)	SWPBA	This meeting is attended by state regulatory water pollution biologists and EPA Region 4 staff, and is held to exchange information on management, project results, tool and rule development, and the impact of pollutants on aquatic ecosystems. Florida is scheduled to host this conference in 2018, so some representation by Florida is appropriate in 2017.	No	No	No	\$ 2,800	\$ 220	\$ 3,020
Nov 11-17, 2017	9th US Symposium on Harmful Algal Bloom	Yes	Baltimore, MD	PA	Biology	Attending conference (not speaking)	9th US HAB	This national conference and training workshops is focused exclusively on the latest harmful algal bloom ecological research, monitoring practice and technologies, analytical procedures, and policy and management. Attendance will provide members of Florida's algal bloom response team an opportunity to learn and interact with others facing similar demands and issues regarding harmful algal blooms.	No	No	No	\$ 2,222	\$ 475	\$ 2,697
Nov 12-16, 2017	Society of Environmental Toxicology and Chemistry (SETAC) 38th Annual Meeting	Yes	Minneapolis, MN	PA; ESI	Biology	Speaking at conference	SETAC	Information on new biological, chemical and toxicological analytical methods, risk assessment, and science policy is made available for a wide variety of environmental issues (e.g. human health criteria, emerging contaminants, petroleum contamination). Affords DEP the opportunity to speak directly with these experts about their current research, regulatory policy goals and actions, or methods for environmental assessment and restoration is invaluable.	Yes	No	No	\$ 1,838	\$ 782	\$ 2,620
Nov 13-15, 2017	Eastern Analytical Symposium and Exhibition (EAS)	Yes	Princeton, NJ	EA	Chemistry	Attending conference (not speaking)	EAS	The Eastern Analytical Symposium and Exposition is the second largest conference and exposition for laboratory science in the U.S. dedicated to the needs of analytical chemists and those in the allied sciences. It offers high quality cutting-edge technical sessions and state-of-the-art short courses, workshops and seminars. Staying abreast of current advances in techniques and instrumentation is essential to ensuring that the Laboratory can make the correct choices when deciding which techniques to add/remove from its suite of analyses, and what new instrumentation to purchase.	No	No	No	\$ 1,500	\$ 225	\$ 1,725
Nov 17-19, 2017	Sunbelt Agriculture Expo	No	Moultrie, GA	ESIII	WQETP	Attending conference (not speaking)	Sunbelt Ag Expo	The event provides exposure to new techniques in the agriculture industry and information on best management practices and an opportunity for staff to network with agriculture professionals involved in innovative technologies. Costs are for registration for one day of the three day expo.	No	No	No	\$ -	\$ 10	\$ 10
Nov 22-25, 2017	2017 Geological Society of America (GSA) Annual Meeting	Yes	Seattle, WA	ESIII	WQETP	Speaking at conference	GSA	Present recent innovative springs studies and nitrogen source tools at the conference. (All travel costs covered by GSA.)	Yes	No	No	\$ -	\$ 50	\$ 50
Dec 11-15, 2017	American Geophysical Union (AGU) Fall Meeting	Yes	New Orleans, LA	ESIII	WQETP	Attending training	AGU	Attendance at this event will allow staff the opportunity to learn and discuss advances in water quality, watershed management, and science policy. Staff will gain exposure to new methods and tools for water quality assessment and modeling, which will help employees to better apply the most current science to TMDL development. Of particular interest are communication workshops to equip TMDL staff with tools to better communicate scientific results to the public and policy makers, important when explaining (for example) the uses and limitations of computer modeling in the Caloosahatchee and Loxahatchee basins.	No	No	No	\$ 1,200	\$ 500	\$ 1,700
Jan 2018	National Environmental Monitoring Conference and the NELAC Institute Forum on Laboratory Accreditation (Winter Meeting)	Yes	Albuquerque, NM	PA; EC; EM	2 total (Biology; SSS; Chemistry)	Attending conference (not speaking)	NELAC Institute	Affords DEP a critical role in ongoing national efforts to develop sound science-based standards for environmental laboratories. Benefits Floridians by improving data quality and, in turn, management decisions. FDEP has two staff that sit on Standards Committees that help determine revisions to the TNI standards. Their participation helps ensure that the TNI Standards are developed with our input and leadership.	No	No	No	\$ 3,832	\$ 990	\$ 4,822

Spring 2018	Water Laboratory Alliance (WLA) Meeting	Yes	TBD (outside of state)	EM	Chemistry	Attending conference (not speaking)	WLA	This relates to our participation in the Environmental Laboratory Response Network (ERLN). Participation in the ERLN has yielded significant improvements to our routine analytical capabilities. The Water Laboratory Alliance (WLA) helps state management to lead a coordinated laboratory response during water contamination incidents. The WLA focuses on contamination incidents that may require more support than a utility, state, or federal laboratory can provide alone. The WLA fits within existing Incident Command System structures and helps labs to better communicate and coordinate with laboratories and establish procedures for laboratory activities.	No	No	No	\$ 1,500	\$ -	\$ 1,500	
Spring 2018	National Water Quality Monitoring Council's (NWQMC) 11th National Water Monitoring Conference	Yes	TBD (outside of state)	EA; EC; ESIII; ESII	OWS (1); WQAP (1) or Biology (1)	Attending conference (not speaking)	NWQMC	NWQMC provides a national forum for coordination of consistent and scientifically defensible methods and strategies to improve water quality monitoring, assessment and reporting. Attendance at this conference would allow DEAR to share with and learn from other professionals and organizations in these areas that are the backbone of our work. Attendees represent governmental organizations, tribes, volunteers, academia, watershed and environmental groups, and the private sector. The conference is a showcase for new findings on the quality of the nation's waters and for highlighting new innovations and cutting-edge tools in water-quality monitoring, assessment, and reporting. This conference occurs every two years, rotating around the country. The 2016 conference was held in Florida, at which it was noted that a presentation/representation of DEAR's Watershed Information Network (WIN) project under development at that time would be a useful to and timely for the 2018 conference.	No	No	No	\$ 4,168	\$ 1,200	\$ 5,368	
Spring 2018	Society for Freshwater Science (SFS) Annual Meeting	Yes	Detroit, MI	EM	WQSP	Speaking at conference	SFS	This meeting promotes an understanding of freshwater ecosystems (rivers, streams, lakes, reservoirs, and estuaries) and ecosystems at the interface between aquatic and terrestrial habitats. Applied aspects of their science include habitat and water quality assessment, conservation, fisheries and invasive species management, integrated water resource management, and restoration. DEAR staff will benefit from a variety of biological assessment-related topics.	Yes	No	No	\$ 980	\$ 520	\$ 1,500	
Spring 2018	EPA Listing and TMDL Training Workshop	Yes	Shepherdstown, WV	PA	WQAP (1); WQETP (1); WQRP (1)	Attending conference (not speaking)	ELI and EPA	Attendees at this meeting will allow for the exchange of information related to the 303(d) program and TMDL development nationwide. (Cost estimate is for two attendees; costs for one additional attendee expected to be covered by EPA as in past years.)	No	No	No	\$ 2,720	\$ -	\$ 2,720	
Apr 2018	Florida Exotic Pest Plant Council (FLEPPC) Annual Symposium	Yes	TBD (Florida)	EC	WQSP	Speaking at conference	FLEPPC	Attendance at this meeting will allow Ashley to keep up-to-date on invasive plant research and determinations made by the FLEPPC group, which DEP uses in plant bioassessment methods.	Yes	No	No	\$ 500	\$ 255	\$ 755	
May 2018	Water Institute at the University of North Carolina (UNC) Water Microbiology Conference 2018	Yes	Chapel Hill, NC	EM	Biology (1)	Speaking at conference	UNC	Presentations related to Microbial Source tracking techniques and efforts will be discussed. Attendance will allow staff to investigate water microbiology and molecular topics focusing on current concerns in recreational waters, emerging technologies and tools, with the goal of supporting development of a statewide fecal indicator TMDL and restoration toolbox.	Yes	No	No	\$ 1,200	\$ 585	\$ 1,785	
June 2018	Florida Lake Management Society (FLMS) Annual Conference	Yes	TBD (Florida)	PA: EA; EC; ESIII	WQSP (2); WQRP (1); WQAP (2); WQETP (1)	Speaking at conference	FLMS	Attendance will allow staff to provide workshops and share updates about DEP water quality standards updates, biological assessment methods, and/or standard operating procedures (SOPs). Staff will also learn about current activities and innovations from water quality professionals from water management districts, local governments, universities, and the private sector. Learn and discuss water quality restoration projects and opportunities.	Yes	No	No	\$ 4,200	\$ 2,160	\$ 6,360	
June 7-11, 2018	American Society for Microbiology (ASM) Microbe 2018	Yes	Atlanta, GA	EC; ESII	Biology (2)	Speaking at conference	ASM	Information on new microbial methods that can help with improving current laboratory methods or developing new laboratory methods in the development of microbial source tracking tools in support of TMDL program.	Yes	No	No	\$ 2,000	\$ 1,590	\$ 3,590	
														\$ 60,173	