

## Dingbao Wang, Ph.D.

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### **EDUCATION**

**Ph. D.** (10/2009) Civil Engineering, University of Illinois at Urbana-Champaign, USA  
**M. S.** (12/2005) Civil Engineering, University of Illinois at Urbana-Champaign, USA  
**B. E.** (7/2001) Environmental Engineering, Tongji University, China

### **PROFESSIONAL EXPERIENCES**

8/2010 – Present **Assistant Professor**, Dept. of Civil, Environmental, and Construction Engineering, University of Central Florida, USA  
6/2009 – 7/2010 **Postdoctoral Research Associate**, Dept. of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign, USA  
1/2004 – 5/2009 **Research Assistant**, Dept. of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign, USA  
1/2007 – 7/2007 **Research Assistant**, Illinois State Water Survey, Champaign, IL  
9/2002 – 12/2003 **Research Assistant**, Institute of Geospatial Research & Education, Eastern Michigan University, USA  
7/2001 – 8/2002 **Research Assistant**, School of Environmental Science and Engineering, Tongji University, China

### **TEACHING**

- Courses

Course Number	Course Title	Credits	Class	Semester	# of Students	Mean score on question 16 of Students perception of instruction
CWR6102	Advanced Hydrology	3	Grad	Spring 14		
CWR5634	Water Res in Chng Envir	3	Grad	Fall 13	18	4.6200
CWR4632	Water Resources Eng. I	4	Senior	Fall 13	55	4.5700
CWR4632	Water Resources Eng. I	4	Senior	Spring 13	57	4.4400
CWR4632	Water Resources Eng. I	4	Senior	Fall 12	59	4.2759
CWR5125	Groundwater Hydrology	3	Grad	Fall 12	28	4.4286
CWR4632	Water Resources	4	Senior	Spring 12	62	4.1333

	Eng. I					
CWR4632	Water Resources Eng. I	4	Senior	Fall 11	46	4.7222
CWR5937	Water Res in Chng Envir	3	Grad	Fall 11	13	3.3333
CWR4101	Hydrology	3	Senior	Spring 11	66	3.8095
CWR4101	Hydrology	3	Senior	Fall 10	69	3.3250

- MS Thesis and Ph.D. Dissertation Students

- **Ph.D. dissertation students currently under supervision**

1. Xi Chen, passed candidacy exam, supported as GRA and GTA, 2011-present
2. Karim Alizad, passed qualify exam, co-advisor, supported as GRA (Dr. Scott Hagen is the primary advisor), 2011-present
3. Seoyoung Kim, passed qualify exam,, supported as GRA, 2013- present
4. Debapi Kumar Ghosh, passed qualify exam,, supported as GTA, 2013- present
5. Yin Yang, Ph.D. student, supported as GRA, 2014- present
6. Han Xiao, Ph.D. student, supported as GRA, 2014- present
7. Chambal Pandey, Ph.D. student, self-supported, 2013- present

- **MS Thesis students currently under supervision**

8. Jonathan Griffen, MS Thesis, supported as OPS, 2012-present
9. Chris Rowney, MS Thesis, self-supported, 2012-present

- **Completed MS thesis students**

10. Alden Baker, MS Thesis, self-supported, completed in Summer 2013.
11. Liuliu Wu, MS Thesis, supported as GRA, completed in Spring 2013.
12. Negin Alimohammadi, MS Thesis, supported as GTA, completed in Summer 2012.
13. Hitoshi Tamura, MS Thesis, co-advisor (Dr. Scott Hagen is the primary advisor), supported as GRA, Completed in Spring 2012.

- Undergraduate Honors in the Major Theses Supervised

- Educational contributions

1. Taught CWR 5125 Groundwater Hydrology for the first time in Fall 2012. I developed the course lectures from scratch. The revised course lectures include confined and unconfined groundwater hydraulics, and contaminant transport in groundwater.
2. Developed a new graduate course “Water Res in Changing Environment”, Fall 2011
3. Curricula development of Water Resources Engineering II, Fall 2010
4. Curricula development of Water Resources Engineering I, Fall 2010

## **RESEARCH**

- Key Words: Watershed hydrology, human impact on hydrologic systems, climate change impact on water resources, water resources systems analysis, GIS and remote sensing application in water resources

- Publications

- 1) Refereed books and monographs
- 2) Refereed chapters in edited books
- 3) Refereed journal papers

Underline: Graduate student advisees at UCF.

1. Tamura, H., P. Bacopoulos, D. Wang, S. C. Hagen, and E. J. Kubatko (2014), State estimation of tidal hydrodynamics using ensemble Kalman filter, *Advances in Water Resources*, 63, 45-56.
2. Chen, X. and D. Wang (2013), Evaluating the effect of partial contributing storage on storage–discharge function from recession analysis, *Hydrology and Earth System Sciences*, 10, 5767-5798.
3. Chen, X., N. Alimohammadi, and D. Wang (2013), Modeling interannual variability of seasonal evaporation and storage change based on the extended Budyko framework, *Water Resources Research*, 49, doi:10.1002/wrcr.20493.
4. Wang, D. and L. Wu (2013), Similarity of climate control on base flow and perennial stream density in the Budyko framework, *Hydrology and Earth System Sciences*, 17, 315-324, doi:10.5194/hess-17-315-2013.
5. Wang, D., S. C. Hagen, and K. Alizad (2013), Climate change impact and uncertainty analysis of extreme rainfall events in the Apalachicola River basin, Florida, *Journal of Hydrology*, 480, 125–135, dx.doi.org/10.1016/j.jhydrol.2012.12.015.
6. Gohari, A., S. Eslamian, J. Abedi-Koupaei, A. Massah Bavani, D. Wang, and K. Madani (2013), Climate change impacts on crop production in Iran's Zayandeh-Rud River Basin, *Science of The Total Environment*, 442(1), 405–419, http://dx.doi.org/10.1016/j.scitotenv.2012.10.029.

7. Wang, D. and N. Alimohammadi (2012), Responses of annual runoff, evaporation and storage change to climate variability at the watershed scale, *Water Resources Research*, 48, W05546, doi:10.1029/2011WR011444.
8. Wang D. (2012), Evaluating interannual water storage changes at watersheds in Illinois based on long-term soil moisture and groundwater level data, *Water Resources Research*, 48, W03502, doi:10.1029/2011WR010759.
9. Cheng, L., Z. Xu, D. Wang, and X. Cai (2012), Reply to comment by Jozsef Szilagyi on “Assessing interannual variability of evapotranspiration at the catchment scale using satellite-based evapotranspiration data sets”, *Water Resources Research*, 48, W03802, doi:10.1029/2011WR011799.
10. Wang D. (2011), On the base flow recession at the Panola Mountain Research Watershed, Georgia, USA, *Water Resources Research*, 47, W03527, doi:10.1029/2010WR009910.
11. Wang D. and M. Hejazi (2011), Quantifying the Relative Contribution of the Climate and Direct Human Impacts on Mean Annual Streamflow in the Contiguous United States, *Water Resources Research*, 47, W00J12, doi:10.1029/2010WR010283.
12. Wang D., M. Hejazi, X. Cai, and A. J. Valocchi (2011), Climate Change Impact on Meteorological, Hydrological, and Agricultural Drought in Central Illinois, *Water Resources Research*, 47, W09527, doi:10.1029/2010WR009845.
13. Cheng, L., Z. Xu, D. Wang, and X. Cai (2011), Assessing interannual variability of evapotranspiration at the catchment scale using satellite-based evapotranspiration data sets, *Water Resources Research*, 47, W09509, doi:10.1029/2011WR010636.
14. Cai, X., X. Zhang, and D. Wang (2011), Land Availability for Biofuel Production, *Environmental Science & Technology*, 45 (1), 334-339, doi: 10.1021/es103338e.
15. Cai, X., M. Hejazi, and D. Wang (2011), The Value of Probabilistic Weather Forecasts-An Assessment by Real-Time Optimization of Irrigation Scheduling, *Journal of Water Resources Planning and Management*, 137(5), 391-403, doi:10.1061/(ASCE)WR.1943-5452.0000126.
16. Liao, Z., Z. Xu, D. Wang, S. Lu, and P. M. Hannam (2011), River environmental decision support system development for Suzhou Creek in Shanghai, *Journal of Environmental Management*, 92(9), 2211-2221, DOI: 10.1016/j.jenvman.2011.04.006.
17. Wang, D. and X. Cai (2010), Recession Slope Curve Analysis under Human Interferences, *Advances in Water Resources*, 33(9), 1053-1061, doi:10.1016/j.advwatres.2010.06.010.

18. Wang, D. and X. Cai (2010), Comparative Study of Climate and Human Impacts on Seasonal Base flow in Urban and Agricultural Watersheds, *Geophysical Research Letters*, 37, L06406, doi:10.1029/2009GL041879.
19. Wang, D., Y. Chen, and X. Cai (2009), State and Parameter Estimation of Hydrologic Models Using the Constrained Ensemble Kalman Filter, *Water Resources Research*, 45, W11416, doi:10.1029/2008WR007401.
20. Wang, D. and X. Cai (2009), Detecting Human Interferences to Low Flows Through Base Flow Recession Analysis, *Water Resources Research*, 45, W07426, doi:10.1029/2009WR007819.
21. Cai, X., D. Wang, T. Zhu, and C. Ringler (2009), Assessing the Regional Variability of GCM Simulations, *Geophysical Research Letters*, 36, L02706, doi:10.1029/2008GL036443.
22. Wang, D. and X. Cai (2009), Irrigation Scheduling – the Role of Weather Forecasting and Farmers’ Behavior, *Journal of Water Resources Planning and Management*, 135(5), 364-372, doi: 10.1061/(ASCE)0733-9496(2009)135:5(364).
23. Cai, X., D. Wang, and R. Laurent (2009), Impact of Soil Moisture under Climate Change on Crop Yield – A Case Study of Rainfed Corn in Central Illinois, *Journal of Applied Meteorology and Climatology*, 48(9), 1968-1981, doi: 10.1175/2009JAMC1880.1.
24. Wang, D. and X. Cai (2008), Robust Data Assimilation in Hydrological Modeling – a Comparison of Kalman and H-infinity Filters, *Advances in Water Resources*, 31(3), 455-472.
25. Wang, D. and X. Cai (2007), Optimal Estimation of Irrigation Schedule - An Example of Quantifying Human Interferences to Hydrologic Processes, *Advances in Water Resources*, 30(8), 1844-1857.
26. Cai, X. and D. Wang (2006), Spatial Autocorrelation of Topographic Index in Catchments, *Journal of Hydrology*, 328(3-4), 581-591.
27. Cai, X. and D. Wang (2006), Calibrating a Holistic Water Resources-Economic Model, *Journal of Water Resources Planning and Management*, 132(6), 414-423.

4) Refereed publications in conference proceedings

1. Wang, D. (2012), Assessing the Impact of Subsurface Storage Contributing Area on the Watershed Scale Storage-Discharge Function Derived from Baseflow Recession at the Spoon River in Illinois, Conference Proceeding Paper, *World Environmental and Water Resources Congress 2012: Crossing Boundaries, Watershed Section*, pp. 3770-3779, (doi: <http://dx.doi.org/10.1061/9780784412312.379>)
2. Chen, X., D. Wang and S. C. Hagen (2012), Climate Change Impact on Monthly Water Balance at the Chipola River Watershed in Florida, *Proceedings of Tenth International Conference on Hydroscience & Engineering*, November 5-7, 2012, Orlando, Florida.
3. Alizad, K., Hagen, S.C., Wang, D., and Daranpob, A. (2012), Present and future Apalachicola River flow study using WASH2D numerical model, *Proceedings of Tenth International Conference on Hydroscience & Engineering*, November 5-7, 2012, Orlando, Florida.

5) Non-refereed publications in conference proceedings

1. Alizad, K., X. Chen, D. Wang, and S. Hagen, Assessing Climate Change Impact on Runoff at the Seasonal and Event Scales in the Apalachicola River Basin, Coastal Hazards Summit 2013, St. Augustine, FL, 2013.
2. Alimohammadi, N. and D. Wang, Modeling Annual Water Balance Based on Budyko Hypothesis at the Seasonal Scale, AGU Fall Meeting, San Francisco, 2012.
3. Wu, L. and D. Wang, Dominant Controls on Early and Late Stages of Base Flow Recession at the Watershed Scale, AGU Fall Meeting, San Francisco, 2012.
4. Wang, D. and L. Wu, Co-evolution of perennial stream and water balance under climate control, AGU Fall Meeting, San Francisco, 2012.
5. Chen, X., D. Wang, S. C. Hagen, and K. Alizad, Climate Change Impact on Monthly Water Balance at the Chipola River Watershed in Florida, AGU Fall Meeting, San Francisco, 2012.
6. Alimohammadi, N. and D. Wang, Evaluating the Responses of Annual Runoff, Evaporation and Storage Change to Climate Variability at the Watershed Scale, AGU Fall Meeting, San Francisco, 2011.
7. Wang, D., S. C. Hagen, and P. Bacopoulos, Uncertainty Analysis of Climate Change Impact on Extreme Rainfall Events in the Apalachicola River Basin, Florida, AGU Fall Meeting, San Francisco, 2011.
8. Hagen, S., D. Passeri, D. DeLorme, W. Huang, G. Lewis, J. T. Morris, D. N. Slinn, L. Walters, D. Wang, J. Weishampel, Climate Change Challenge in Social-Ecological Systems: From Science to Service I, GC24A-03. Ecological Effects of Sea Level Rise in the Northern Gulf of Mexico, AGU Fall Meeting, San Francisco, 2011.
9. Wang, D., M. Hejazi, and N. Alimohammadi, Quantifying the Relative Contribution of the Climate and Direct Human Impacts on Mean Annual Streamflow in the Contiguous United States, Poster, EWRI World Water and Environmental Resources Congress, Palm Springs, California, May 22-26, 2011.
10. Wang, D., S. C. Hagen, G. T. Yeh, and P. Bacopoulos, Assessing the Climate Change Impact on Rainfall IDF Curves in the Apalachicola River Basin, Florida, Poster at the EPA Integrated Modeling for Climate Impacts Workshop, Atlanta, GA, February 2, 2011.
11. Wang, D., S. C. Hagen, G. T. Yeh, and P. Bacopoulos, Assessing the Climate Change Impact on Rainfall IDF Curves in the Apalachicola River Basin, Florida, Poster at the AGU Fall Meeting, San Francisco, 2010.
12. Hagen, S. C., G. Lewis, R. Bartel, B. Batten, W. Huang, J. Morris, D. N. Slinn, J. Sparks, L. Walters, D. Wang, J. Weishampel, G. Yeh, Integrated Modeling for the Assessment of Ecological Impacts of Sea Level Rise, Oral presentation at the AGU Fall Meeting, San Francisco, 2010.
13. Cai, X., D. Wang, M. I. Hejazi, and A. J. Valocchi, Climate Change Impact on Meteorological, Hydrological, and Agricultural Drought: A case study of Central Illinois, Oral presentation at the AGU Fall Meeting, San Francisco, 2010.
14. Cheng, L., Z. Xu, D. Wang, and X. Cai, Explore Inter-annual Variability of

- Catchment Water-energy Balance Based on Remote Sensed ET Datasets, Poster at the AGU Fall Meeting, San Francisco, 2010.
15. Wang, D. and X. Cai, Detecting and Attributing Change of Seasonal Base Flow Recession Slopes in Human Interfered Watersheds, Oral presentation at the AGU Fall Meeting, San Francisco, 2009.
  16. Wang, D. and X. Cai, Human Interferences to Streamflow Dynamics: A Case Study of Urban Watersheds, UCOWR/NIWR Annual Conference, Chicago, Illinois, July 7-9, 2009.
  17. Cai, X., J. Song, A. Valocchi, and D. Wang, Planning for Drought Preparedness in the Watershed Context: A Risk-Based Decision Analysis, NSF CMMI Research and Innovation Conference, Honolulu, Hawaii, June 22-25, 2009.
  18. Wang, D. and X. Cai, Estimating Groundwater Pumping and Return flow Based On Hydrologic Recession Analysis, Proceedings, EWRI World Water and Environmental Resources Congress, Kansas City, Missouri, May 17-21, 2009.
  19. Cai, X., M. Hejazi, E. Y. Yang, and D. Wang, Using Historical and Real-time Data to Improve Optimization Models for Water Resources Systems Analysis, Proceedings, EWRI World Water and Environmental Resources Congress, Kansas City, Missouri, May 17-21, 2009.
  20. Wang, D., Y. Chen, and X. Cai, State and Parameter Estimation of Hydrologic Models Using the Constrained Ensemble Kalman Filter, Poster at the AGU Fall Meeting, San Francisco, 2008.
  21. Cai, X., D. Wang, and M. Hejazi, Using Weekly Weather Forecast for Real-Time Irrigation Scheduling, Oral presentation at the AGU Fall Meeting, San Francisco, 2008.
  22. Wang, D. and X. Cai (2008), Scale and Resolution Effects of Topographic Index by 2-D Continuous Wavelet Transform, Hydrological Research in China: Process Studies, Modelling Approaches and Applications (Proceedings of Chinese PUB International Symposium, Beijing, September 2006). IAHS Publ. 322: 108-114.
  23. Wang, D. and X. Cai, Dealing with Unknown and Biased Errors in Hydrological Modeling – A Comparison of Kalman and H-infinity Filters, Proceedings, EWRI World Water and Environmental Resources Congress, Tampa, Florida, May 15-19, 2007.
  24. Cai, X., R. Laurent, and D. Wang, Impact of Soil Moisture Under Climate Change on Crop Yield - A Case Study of Rainfed Corn in Central Illinois, UCOWR/NIWR Annual Conference, Boise, Idaho, July 24-26, 2007.
  25. Wang, D. and X. Cai, Estimate Irrigation Water Use by Data Assimilation, Proceedings, EWRI World Water and Environmental Resources Congress, Omaha, Nebraska, May 21-25, 2006.
- Invited presentations
    1. “Hydrologic Modeling across Temporal Scales,” South Florida Water Management District, April 24, 2013.
    2. “Linking Base Flow to Perennial and Ephemeral Stream through Comparative



- Analysis,” IAHS 90th Anniversary and PUB Symposium 2012, Delft, Netherlands, October 23-25, 2012
3. “Linking Long-term Climate to Perennial Stream and Base Flow Recession,” NASA Earth System Science Interdisciplinary Center in University of Maryland, October, 2012.
  4. “Climate and Human Impacts on Water and Land Availability for Biofuel Production,” PNNL Joint Global Change Research Institute, October, 2012.
  5. “Watershed Hydrology in a Changing Environment,” Department of Civil and Environmental Engineering, Georgia Institute of Technology, February 2012.
  6. “Hydrologic Variability and Changes from Mean Annual to Event Scales,” Department of Civil and Environmental Engineering, University of Iowa, February 2012.
  7. “Modeling human interferences to hydrologic systems,” Department of Civil and Environmental Engineering, University of South Carolina, March 2010.
  8. “Water Resources in a Changing Environment,” Department of Civil, Environmental, and Construction Engineering, University of Central Florida, March 2010.

- Grants and Contracts

### **Funded projects**

1. John Fauth (PI), Pedro F Quintana-Ascencio, Ross Hinkle, Dingbao Wang, and Yung En Chee (Co-PIs), “Evaluation of the Role of Transpiration by Carolina Willow (*Salix caroliniana*) in the Water Budget of Upper St. Johns River Marshes .” Funding provided by St. Johns River Water Management District, \$300,000, period of support 09/10/2013 to 08/31/2016.
2. Dingbao Wang (PI), Kaveh Madani, Scott C. Hagen, Peter Bacopoulos (Co-PIs), “An Integrated Climate Change Impact Assessment Tool for Flooding of the Lower St. Johns River.” Funding provided by the National Oceanic and Atmospheric Administration through Florida Sea Grant Program, Federal \$199,771 and non-federal \$99,886 (totaling \$299,657), period of support 02/01/2012 to 01/31/2014.
3. Dingbao Wang (PI), Scott C. Hagen, Stephen Medeiros (Co-PIs), “Kennedy Space Center Phase II Climate Adaptation Science Investigators Research Proposal.” Funding provided by InoMedic Health Applications, Inc. \$60,971, period of support 09/01/2013 to 08/31/2014.
4. Dingbao Wang (PI), Joann Mossa (Co-PI), “Developing an algorithm to identify perennial and ephemeral streams by using high resolution remotely sensed data.” Funding provided by Florida Space Institute, \$29,973, period of support 09/01/2013 to 08/31/2014.
5. Scott Hagen (PI), Dingbao Wang (Co-PI), “Contract to Examine Effects of Sea Level Rise on Salinity Intrusion into Coastal Aquifer Systems through the University of Central Florida Research Cluster on the Coastal Dynamics of Sea Level Rise.” Funding provided by St. Johns River Water Management District,

\$200,000, period of support 12/17/2012 to 09/30/2014.

6. Scott Hagen (PI), Dingbao Wang (Co-PI), “Computational Ecohydraulics for the KSC Ecological Program.” Funding provided by the InoMedic Health Applications, Inc., \$20,000, period of support 11/05/2012 - 09/01/2013.
7. Scott Hagen (PI), Graham Lewis, Brian Batten, Wenrui Huang, James T. Morris, Don Slinn, Jerry Sparks, John Weishampel, Linda Walters, Denise DeLorme, Dingbao Wang (Co-PIs), “Integrated Modeling for the Assessment of Ecological Impacts of Sea Level Rise.” Funding provided by the National Oceanic and Atmospheric Administration, \$2.9M project, period of support 09/01/2010 to 08/31/2015.
8. Dingbao Wang (PI), “Integrated Impact Assessment of Climate Variability and Human Activities on the Discharge of Blue Spring in Volusia County, Florida.” Funding provided by the Walter & Betty Boardman Foundation, \$5,000, period of support 06/01/2013 to 07/30/2013.
9. Dingbao Wang (PI), “Understanding Human and Climate Impact on Base Flow at Watershed Scales.” Funding provided by UCF Office of Research & Commercialization, \$7,500, period of support 06/01/2013 to 06/30/2013.

## **PROFESSIONAL ACTIVITIES**

- **Service to the Department, College and University**

### **Services to the Department**

1. Search committee for assistant professor position in environmental engineering, 2012-2013
2. Coordinate exam for non-thesis master students in Water Resources track, 2012 – Present
3. Library Representative, Department of Civil, Environmental, and Construction Engineering, 2010- Present
4. Help to develop Annual Report of Stormwater Management Academy, 2012

### **Services to the College and University**

5. Judge for UCF graduate research forum, 2013
6. UCF Organizing Committee of the Tenth International Conference on Hydrosience & Engineering, 2012
7. University Bookstore Advisory Committee, 2010- Present

### **Ph.D. Dissertation Committee**

1. Yunus Dada Salami, Fall 2012
2. Andrew M. O’Reilly, Summer 2012
3. Stephen Medeiros, Spring 2012
4. Chi-Han Cheng, Spring 2012

### **Master Thesis Committee**

1. Tara Lamoureux, Spring 2013
2. Soroush Mokhtari, Spring 2013
3. Daina Smar, Fall 2012
4. Matthew Bilskie, Spring 2012
5. Lillie Thomas, Spring 2011
6. Alfredo Ruiz, Fall 2010

- Service to the Profession

1. AGU Water and Society Committee, 2012- Present
2. Convened sessions for AGU Fall meeting, 2012
3. ASCE-EWRI Environmental and Water Resources Systems Committee, 2011- Present
4. ASCE-EWRI Water Systems Climate Change Committee, 2011- Present

- Service as editor, associate editor, or member of editorial board

1. Editorial board: British Journal of Environment and Climate Change, 2012- Present
2. Editorial board: Journal of Irrigation & Drainage Systems Engineering, 2011- Present

- Consulting activities

- Professional license and certifications held

1. ASCE ExCEED Fellow, ASCE, 2011

- Other external professional service activities

Reviewer for: NSF Hydrologic Sciences Program proposals, Water Resources Research, Advances in Water Resources, Journal of Water Resources Planning and Management, Hydrology and Earth System Sciences, Hydrological Processes, Journal of Hydrometeorology, Climatic Change, Journal of Hydrologic Engineering, Journal of American Water Resources Association, Journal of Hydroinformatics, Journal of Stochastic Environmental Research & Risk Assessment, Environmental Modeling and Assessment, Journal of Water and Climate, Water Resources Management

- Other activities

#### **Workshops**

1. Attended and completed Summer 2012 Course Innovation Project
2. Attended UCF FCTL Writing Your Journal Article in 12 Weeks Workshop, 2012
3. Attended ASCE ExCEED teaching workshop, West Point, New York, July 24-29,

2011

4. Attended the UCF Teaching Workshop, Faculty Center for Teaching and Learning, May, 2011
5. Attended the Water Supply Utilities Climate Impacts Working Group Workshop, Orlando, Florida, May, 2011
6. Attended the ASCE-COPRI proposal writing workshop at Memphis, TN, November, 2010

### **Major Conferences**

7. Attended the International Association of Hydrological Sciences (IAHS) 90th Anniversary and PUB Symposium 2012 in Delft, Netherlands
8. Attended the AGU Fall meeting at San Francisco, CA, December, 2012
9. Attended the Tenth International Conference on Hydrosience & Engineering (ICHE), Orlando, Florida, November, 2012
10. Attended the ASCE-EWRI annual conference at Albuquerque, New Mexico, May, 2012
11. Attended the AGU Fall meeting at San Francisco, CA, December, 2011
12. Attended the ASCE-EWRI annual conference at Palm Springs, California, May, 2011
13. Attended the AGU Fall meeting at San Francisco, CA, December, 2010

### **Project Meetings**

14. Attended the kick off meeting of the SLR project funded by SJRWMD at UCF, April, 2013
15. Attended the NOAA SLR project meeting in Georgetown, South Carolina, 2013
16. Attended the Ecological Effects of Sea Level Rise in the Northern Gulf of Mexico project meeting, East Point, Florida, May, 2011
17. Attended the kick off meeting of the SLR project funded by NOAA at Washington DC, October 2010

### **Seminars**

18. “Hydrology and Water Resources Research at UCF”, presented to visitors, Stormwater Management Academy, March, 2012

## **RECOGNITION AND AWARDS**

1. Alex Alexander Faculty Fellow, 2012- Present
2. Nomination of Undergraduate Teaching Award, 2013
3. Best Research-Oriented Paper Award, Journal of Water Resources Planning and Management, ASCE, 2012
4. Research paper is highlighted by Eos, AGU, 2011
5. ASCE ExCEED Fellow, ASCE, July 29, 2011
6. Certificate of Honorable Mention of Ph.D. Dissertation, Universities Council on

Water Resources (UCOWR), July 14, 2010