

CURRICULUM VITAE – International Experience

Beth A. Middleton, Ph.D.

National Wetlands Research Center, U.S. Geological Survey, Lafayette, LA 70506
337-266-8618 Fax: 337-266-8592 beth_middleton@usgs.gov

DEGREES AND INSTITUTIONS:

Iowa State University, Department of Botany, Ph.D., 1989

Dissertation: Succession and goose herbivory in monsoonal wetlands in Bharatpur, India.

PROFESSIONAL EXPERIENCE:

Research Ecologist, National Wetlands Research Center, U.S.G.S., Lafayette, LA (GS13). Adjunct,
Department of Biology, University of Louisiana, Lafayette, LA. May 2002-present.

Professor (Full), Department of Plant Biology, Southern Illinois University, Carbondale, IL. August
1990-March 2002. Associate: 1994, Full: 2002. Adjunct: March 2002-present.

Visiting Lecturer/Researcher, G.B. Pant University, Pantnagar, Uttar Pradesh, India. December 1990-
April 1991, Council for the International Exchange of Scholars (Fulbright).

Visiting Lecturer, Organization of Tropical Studies, Costa Rica. July 1993. Course: Tropical Biology.

Acting Chair, June 1996, Department of Plant Biology, Southern IL. University, Carbondale, IL.

Postdoctoral Positions:

Postdoctoral Associate, Research Unit in Landscape Ecology, Leopold Center, Iowa State University,
Ames Iowa and Ducks Unlimited Canada, Winnipeg, Manitoba. May 1989 - August 1990.

Geographic Information System analysis of vegetation changes in the Delta Experimental Marsh
Complex, Canada and wetland restoration in agricultural landscapes.

HONORS

STAR Award, USGS, 2003.

Woman of Distinction, Southern Illinois University, 2001.

Who's Who in Science and Technology, 1991-2000.

President's Service Award, Society of Wetland Scientists, 1996.

Outstanding Teaching Award Nominee, College of Science, Southern IL University, 1996.

Fulbright Award to India, G.B. Pant University, Pantnagar, India, Council for International Exchange of
Scholars, 1991.

Phi Beta Delta Honor Society for International Scholars, 1989-93.

MacMillan Fellowship. Delta Waterfowl and Wetland Research Station, Manitoba, Canada, 1984.

PUBLICATION LIST

Books

- Middleton, B.A. 1999. Wetland restoration, flood pulsing and disturbance dynamics. John Wiley and Sons, New York.
- Middleton, B.A. (editor). 2002. Flood pulsing in wetlands: restoring the natural hydrological balance. John Wiley and Sons, New York.

Dissertation

- Middleton, B.A. 1989. Succession and goose herbivory in monsoonal wetlands of the Keoladeo National Park, Bharatpur, India. Ph.D. Dissertation, Iowa State University, Ames, IA.

Journal papers

- Middleton, B.A. and A.G. van der Valk. 1987. The food habits of Greylag and Barheaded Geese at the Keoladeo National Park, India. *Wildfowl* 38:94-102.
- Middleton, B.A. 1988. Food habits of geese in northern India. *Journal of the Ecological Society (India)* 1:37-45.
- Middleton, B. A. 1990. Effect of water depth and clipping frequency on the growth and survival of four wetland plant species. *Aquatic Botany* 37: 189-196.
- Middleton, B. A., A. G. van der Valk, R. L. Williams, D. J. Mason, and C. B. Davis. 1991. Vegetation dynamics and seed banks of a monsoonal wetland overgrown with *Paspalum distichum* in northern India. *Aquatic Botany* 40:239-259.
- Middleton, B. A., A. G. van der Valk, C. B. Davis, D. H. Mason, and R. L. Williams. 1992. Litter decomposition in an Indian monsoonal wetland overgrown with *Paspalum distichum*. *Wetlands* 12:37-44.
- Middleton, B. A. 1993. Habitat and food preferences of geese overwintering in the Keoladeo National Park, Bharatpur, India. *Journal of Tropical Ecology* 8:181-193.
- Middleton, B. A. and D. H. Mason. 1992. Seed herbivory by nilgai, feral cattle, and wild boar in the Keoladeo National Park, Bharatpur, India. *Biotropica* 24:538-543.
- van der Valk, A. G., B. A. Middleton, R. L. Williams, D. H. Mason and C. Davis. 1993. The biomass of an Indian monsoonal wetland before and after being overgrown with *Paspalum distichum* L. *Vegetatio* 109:81-90.
- Middleton, B. A. and E. Sanchez. 1994. Microhistological analysis of food habits in the tropics. *La Vida Sylvestre* 3:41-47.
- Middleton, B. A. 1994. Management of monsoonal wetlands for Greylag and Barheaded Geese in the Keoladeo National Park, India. *International Journal of Ecology and Environmental Sciences* 20:1263-171.
- Middleton, B. A. and U. Melkania. 1995. Decomposition of wet grassland species in a stream of the Himalayan terai, Pantnagar, Uttar Pradesh, India. *International Journal of Ecology and Environmental Sciences* 21:163-168.
- Middleton, B.A., E. Sanchez-Rojas, B. Suedmeyer and A. Michels. 1997. Fire in a tropical dry forest of Central America: A natural part of the disturbance regime? *Biotropica* 29:515-517.

- Akanil, N. and B.A. Middleton. 1997. Leaf decomposition along the Porsuk River, Eskisehir, Turkey. *Canadian Journal of Botany* 75:1394-1397.
- Middleton, B.A. 1998. The water buffalo controversy in the Keoladeo National Park, India. *Ecological Modelling* 106: 93-95.
- Middleton, B.A. 1998. Reply to: The water buffalo controversy in the Keoladeo National Park, India. *Ecological Modelling* 106: 95-98.
- Middleton, B.A. 1999. Succession and herbivory in monsoonal wetlands. *Wetland Ecology and Management* 6: 189-202.
- Middleton, B.A. 1999. Flood pulsing in restoration: a feasible alternative for India? *Journal of the Ecological Society* 12: 10-14.
- Middleton, B.A. and K.L. McKee. 2001. Degradation of mangrove tissues and implications for peat formation in Belizean island forests. *Journal of Ecology* 89:818-828. (Featured in *Science*, Editor's Choice)
- Middleton, B.A. 2004. Biodiversity conservation through the reengineering of flood pulse in natural and restored wetlands in India. India Water Works Society, Pune, India. (in press).
- Middleton, B.A. Concepts in restoration. *Restoration Ecology* (accepted for a special edition on restoration in India).
- Middleton, B.A. and J. Grace. Biodiversity and ecosystem functioning: synthesis and perspectives (book review). *Restoration Ecology* (accepted).

Book Chapters

- Middleton, B.A. 2003. Ecology and objective based management: case study of the Keoladeo National Park, Bharatpur, Rajasthan. Pages 86-116 in *Battles Over Nature: Science and the Politics of Conservation*. V. Saberwal and M. Rangarajan, editors. Permanent Black Publishers, New Delhi, India.
- Brinson, M., B. Bedford, B. Middleton, and J. Verhoeven. 2004. Temperate freshwater wetlands. Book Chapter. Cambridge University Press (in press).

Reports and Maps

- Davis, C.B., A.G. van der Valk, D.H. Mason, B.A. Middleton, and R.L. Williams. 1988. Ecology of a semitropical monsoonal wetland in India. Final Report, Smithsonian #4013600, Ohio State Univ, Ohio.

Popular Press Publications

- Middleton, B. A. and L. K. Mudgal. 1989. Geese of the Keoladeo. *Sanctuary Magazine*, Bombay, India.
- Middleton, B. A. 1997. OTS at SIU. *Liana* (Newsletter of the Organization of Tropical Studies).

ARTICLES SUBMITTED/IN PREPARATION FOR PUBLICATION

- Ture, C., N. Akanil Bingol, B. A. Middleton. Characterization of the gap environment of *Lythrum salicaria* L. and its relationship to seed production and stem height along arid rivers dominated by *Populus alba* L. in Turkey. *Wetlands* (under revision).

- Middleton, B.A. Flood pulsing and regeneration dynamics: relevance in Asian wetland restoration. *Landscape Ecology* (submitted).
- Ture, C., N. Bingol, and B.A. Middleton. Taxonomic and phonological characteristics of *Lythrum salicaria* in Turkey (in preparation).

Web Sites Created

- Middleton, B.A., C. Ture, and N. Akanil Bingol. 2004. Invasive plant species of North America and Turkey. National Wetlands Research Center.
http://www.nwrc.usgs.gov/invasive_species/invasiveplants.htm
- Middleton, B.A. 2004. Purple loosestrife volunteer. National Wetlands Research Center.
www.nwrc.gov/special/purplel/index.htm
- Middleton, B. and J. Phelps, 1997-2002.
 Tropical Ecology Program at Southern Illinois University
<http://www.science.siu.edu/tropical-studies/index.html>
- Middleton, B. and K. McKee, 1998-2002
 Wilderness Scientist Forum
 Discussion Group Coordinator: WILDERNESS-L@siu.edu
- Middleton, B. 1999-2002. Environmental Issues in the Contemporary World - Core-curriculum web site for all course materials and student created web materials. <http://www.science.siu.edu/plant-biology/middleton/301iweb/spr99.html>
- Middleton, B. 1999-2002. Wetland plant ecology. Course web site with example student papers and delineation projects.
<http://www.science.siu.edu/plant-biology/middleton/wetweb/wetindex.html>
- Middleton, B. 2000-2002. Landscape and Restoration Ecology. Course web site.
<http://www.science.siu.edu/plant-biology/middleton/landscape/landscape.html>

SOCIETY MEMBERSHIPS

- Ecological Society of America
- Society of Wetland Scientists
- British Ecological Society (elected membership)
- Association of Tropical Biologists
- International Association of Ecologists
- Sigma Xi
- International Crane Foundation (Honorary Member)
- Society for Ecological Restoration

GRANTS AND RESEARCH SUPPORT RECEIVED

- Wetland ecology of northern India (G. B. Pant University).** Council for International Exchange of Scholars (Fulbright), Washington, D. C., 1991 (\$12,000)
- Leaf decomposition and mineral cycling in mangroves in Belize.** Smithsonian Institute Caribbean Coral Reef Ecosystems Program, Washington, D.C., 1992-4. (\$3,000)

Cattle grazing and tropical rainforests in Madagascar. SUNY, New York, 1996-01. (\$11,000)

GIS characterization of environment and life history constraints of *Lythrum salicaria* in western Turkey. 2001-2002. Idea Wild (\$6000; equipment for Dumlupinar University, Turkey).

Invasive species in North America: study to determine the feasibility of comparative research of life history strategies of species in their native vs. invasive environments. Part A. Purple loosestrife feasibility study. 2002-present. USGS noncompetitive funding; Principal Investigator and Project Leader; \$54,218.

Landscape characteristics of mangrove forests and propagule deposition in Boca del Toro, Panama. 2004. Boca del Toro, Smithsonian Field Station. \$3000.

INVITED LECTURES, WORKSHOPS, TV/RADIO

1988. **The Indian pea war: Barheaded Geese vs. subsistence farmers.** International Agricultural Colloquium, Ames, Iowa.

1988. **Barheaded Goose conservation.** Canadian Wildlife Service and University of British Columbia, Vancouver, Canada.

1989. **The role of goose herbivory in monsoonal wetlands in India.** Delta Waterfowl & Wetlands Research Station, Portage La Prairie, Canada.

1990. **Succession and goose herbivory in monsoonal wetlands in India.** Arkansas State University, Jonesboro, Arkansas.

1990. **Wildlife in India.** Wildlife Society, Southern Illinois University, Carbondale, Illinois.

1991. **The role of goose herbivory in vegetation dynamics in the Keoladeo Natinal Park.** Bombay Natural History Society, and G. B. Pant, and Pune Universities, India.

1991. **American versus European models of succession dynamics.** G. B. Pant University, Pantnagar, India.

1991. **Living in the U.S.** G. B. Pant University, India.

1991. **Biomes of India.** G. B. Pant University, India.

1991. **Developing frontiers in botanical science.** Pune University, India.

1991. **Landscape ecology. What is it?** Pune University, India.
1991. **Seed dispersal by herbivores in the Keoladeo National Park.** Pune University and Bombay Natural History Society, India.
1993. **Workshop on a microhistological technique to determine the food habits of waterfowl based on the plant fragments in droppings.** National University of Costa Rica, Heredia, Costa Rica.
1993. **Comparison of successional patterns of seasonal wetlands in western Costa Rica, northern India, and the midwestern U.S.** National University of Costa Rica, Heredia, Costa Rica.
1993. **Science in far away places.** Address to the Junior Academy Science Fair, Region 8 Competition, Carbondale, Illinois.
1994. **World wetlands.** Puerto Umo, Costa Rica.
1996. **The effects of cattle grazing on rainforest in Ranomafana National Park, Ranomafana, Madagascar.** National Park Service, Antananarivo, Madagascar.
1997. **Research approaches in India.** Wetland Biogeochemistry Lab, Baton Rouge, Louisiana.
2000. **Identificación de plantas en sitios arqueológicos.** Department of Archeology, University of Costa Rica, San Jose, Costa Rica.
2000. **Uso antiguo vs. uso actual de los humedales.** Department of Archeology, University of Costa Rica, San Jose, Costa Rica.
2001. **Wetland restoration, flood pulsing and disturbance dynamics.** Department of Landscape Architecture, Ames, Iowa.
2001. **Wetland restoration, flood pulsing and disturbance dynamics.** University of Wisconsin, Madison, Wisconsin.
2001. **Flood pulsing and cypress swamp restoration.** Universitet Dumlupinar, Kutahya, Turkey (translated by Nuket Bingol).
2001. **Flood pulsing and restoration of wetlands.** National Wetlands Research Center, Lafayette, Louisiana.
2002. **Flood pulsing and plant regeneration dynamics in baldcypress swamps.** Wisconsin Wetlands Association, Fond du Lac, Wisconsin.

2002. **Flood pulsing and restoration of wetlands**. Murray State University, Kentucky.

2002. **Flood pulsing and restoration of wetlands**. Texas A & M, College Station, Texas.

2003. **Interview with Czech TV reporter, Petra Flanderikova on carbon and other research at National Wetlands Research Center.**

2003. **Hydrologic and disturbance dynamics in wetlands: restoring the natural balance.** (plenary speaker: Botanical Society of America, Mobile, Alabama).

2004. **Hydrologic and disturbance dynamics in wetlands: restoring the natural balance.** (colloquium speaker: Louisiana State University, September 2004).

COMMITTEE AND OTHER UNIVERSITY SERVICE

Organization of Tropical Studies, Assembly of Delegates, 1993-
International Programs Advisory Board, Southern IL University, 1994-

PROFESSIONAL ACTIVITIES

Secretary General (nomination), 2004, Society of Wetland Scientists

Society of Ecological Restoration India Advisory Board, 2003-

Book Editor, Restoration Ecology, 2002-

Chair and Review Panelist, Rivers and Streams, International Conference on Environmental Future,
Swiss Federal Institute for Environmental Science and Technology, Zurich, Switzerland, 2003

Symposium Organizer, Biodiversity and nutrient dynamics in northern peatlands, INTECOL, Utrecht,
The Netherlands, 2004 (proposal accepted; with Ab Grootjens)

Chair, SWS Symposium, New Orleans, Louisiana, 2003

Palo Verde Advisory Committee, Organization of Tropical Studies, Liberia, Costa Rica, 1999-2003

Assembly of Delegates, Organization of Tropical Studies, Costa Rica, 1993-

Abstract Reviewer, Society of Wetlands Scientists for 2001 meetings, 2000-2001

Symposium Organizer, Flood Pulsing and Restoration of Wetlands, INTECOL, Quebec, 2000

Chair, International Awards, Society of Wetland Scientists, 1997-2000

Restoration Definition Committee, Society of Wetland Scientists, 1999

OTS Selection Committee for Tropical Biology Course, 1997

Internet Discussion Group List Manager, ECOTEACH-L, 1997-2001

Internet Discussion Group List Manager, WILDERNESS-L, 1997-2002

Associate Editor, Wetlands, Society of Wetland Scientists, 1992-5

Chair, Mangrove Wetlands, INTECOL International Wetlands Conference, 1996

Selection for Tropical Biology Course, Organization of Tropical Studies, Costa Rica, 1995

Abstracts

Middleton, B.A. 1988. Effect of water depth and clipping frequency on the growth and survival of four wetland plant species. Bulletin of the Ecological Society of America 69.

- Middleton, B.A. 1989. Succession and goose herbivory in monsoonal wetlands in northern India. *Bulletin of the Ecological Society of America* 70:204.
- Middleton, B.A. and D.H. Mason. 1990. Seed dispersal by herbivores in the Keoladeo National Park, Bharatpur, India. *Bulletin of the Ecological Society of America* 71.
- Middleton, B.A. 1990. Goose herbivory and management in the Keoladeo National Park, Bharatpur, India. Pages 103-105 *in* Seminar on Wetland Ecology and Management, 23-25 February 1990. Keoladeo National Park, Bharatpur, India.
- Davis, C.B., A.G. van der Valk, B.A. Middleton, D.H. Mason, and R.L. Williams. 1990. Management strategies for the wetlands of the Keoladeo Ghana National Park. Pages 143-145 *in* Seminar on Wetland Ecology and Management, 23-25 February 1990. Keoladeo National Park, Bharatpur, India.
- Middleton, B.A., A.G. van der Valk, C.B. Davis, D.H. Mason, and R.L. Williams. 1991. Litter studies in monsoonal wetlands of the Keoladeo National Park, Bharatpur, India. *Bulletin of the Ecological Society of America* 72.
- Middleton, B.A. 1992. Seed movement along riverine corridors from intact to farmed cypress-tupelo swamps along the Cache River in southern Illinois. *Bulletin of the Ecological Society of America* 73.
- Middleton, B.A. 1992. Management of monsoonal wetlands for Greylag and Barheaded Geese based on their food and habitat preferences in the Keoladeo National Park, India. *International Association of Ecology* 4:97.
- Sanchez-Rojas, E., and B. A. Middleton. 1994. Herbivory and seed bank dynamics in a seasonal wet/dry wetland near Palo Verde National Park, Costa Rica. *Bulletin of the Ecological Society of America* 75(2 Part 2):203-204
- Middleton, B. A., K. L. McKee, I. Feller, and W. Heyman. 1995. Nutrient limitation of above- and below-ground decomposition in ecotones of mangrove swamps at Twin Cays and Punta Ycacas, Belize. *Ecological Society of America. Bulletin of the Ecological Society of America* 76(3 Suppl.):366.
- Nakashima, T., B. Middleton, H. Kaneko, and M. McKernan. 1995. The relationship of epiphyte load, tree species and distance from coast in Costa Rica. *Illinois Academy of Science*.
- Villeda, P., B. Middleton, and H. Harris. 1995. Cypress seed germination in relation to soil moisture and temperature along the Cache River, southern Illinois. *IL Academy of Science*.
- Kaneko, H., B. Middleton, T. Nakashima, and M. McKernan. 1995. Movement pathways of grasshoppers and hermit crabs in vegetated and non-vegetated areas in Costa Rica using fractal analysis. *Illinois Academy of Science*.
- Middleton, B. A., D. J. Gibson and G. W. Saunders. 1996. Wetland succession studies for undergraduate education. *INTECOL, Perth, Australia* 5:143.
- Middleton, B. A., K. L. McKee, and W. D. Heyman. 1996. Vegetation and seed bank composition across a riverine mangrove landscape at Punta Ycacas, Belize. *INTECOL, Perth, Australia* 5:81.
- Middleton, B. A. 1996. Vegetation change in monsoonal wetlands and herbivory. *INTECOL Symposium, Perth, Australia* 5:60.
- Fessell, K. and B. A. Middleton. 1997. Seedling establishment of bald cypress swamp species buried by varying depths of sediment. *BSA, Montreal, Canada*.

- Akanil, N., B. Middleton, and C. Ture. 2000. Leaf litter decomposition rate along the Porsuk River, Eskişehir, Turkey. Second Balkan Botanical Congress (poster).
- Akanil, N., B. Middleton, and C. Ture. 2000. Leaf litter decomposition rate along the Porsuk River, Eskişehir, Turkey. INTECOL, Quebec City, Canada (Akanil awarded the International Travel Award).
- Middleton, B.A. 2000. Flood pulsing in the regeneration and maintenance of cypress swamp species. INTECOL, Quebec City, Canada.
- Middleton, B. 2002. Flood pulsing and restoration of wetlands. Wisconsin Wetlands Association, Fond du Lac, Wisconsin (Feb. 2002).
- Middleton, B. and K. McKee. 2002. Primary production, impoundment and restoration of baldcypress swamps along a latitudinal gradient in North America. SWS, China.
- Middleton, B. 2002. Wetland restoration, flood pulsing and regeneration dynamics. SWS, China.
- Middleton, B. 2003. Temperate freshwater wetlands: hydrology, climate change, other threats. ICEF, Zurich, Switzerland.
- Middleton, B. 2003. Hydrologic and disturbance dynamics in wetlands: restoring the natural balance. (invited symposium: Botanical Society of America, Mobile, Alabama).
- Akanil Bingol, N., C. Ture, and B. Middleton. 2003. Growth and development of *Lythrum salicaria* L. in different biogeographical regions in Turkey. INTECOL, Utrecht, Netherlands (accepted).
- Middleton, B.A. 2003. Vegetation change, flood pulsing and disturbance dynamics in monsoonal wetlands and implications for restoration. Indian Water Works Association, Mumbai, India (accepted).
- Middleton, B.A. and Rudy van Diggelen. 2004. Global issues in fen/sedge meadow research, management and biodiversity maintenance: an overview and Wisconsin perspective. Intecol, Utrecht (accepted).
- Middleton, B.A., N. Akanil Bingol and C. Ture. 2004. Latitudinal variation in height of *Lythrum salicaria* in North America vs. Eurasia. Intecol, Utrecht (poster: accepted).
- Middleton, B.A. 2004. Comparisons of *Lythrum salicaria* in North America vs. Eurasia. SWS, Seattle (poster: accepted).

Paper Presentations

- Middleton, B.A. 1988. Effect of water depth and clipping frequency on the growth and survival of four wetland plant species. Ecological Society of America, Columbus, Ohio.
- Middleton, B.A. 1989. Succession and goose herbivory in monsoonal wetlands in northern India. Ecological Society of America, Toronto, Canada.
- Middleton, B.A. and D.H. Mason. 1990. Seed dispersal by herbivores in the Keoladeo National Park, Bharatpur, India. Ecological Society of America, Snowbird, Utah.
- Middleton, B.A., A.G. van der Valk, C.B. Davis, D.H. Mason, and R.L. Williams. 1991. Litter studies in monsoonal wetlands of the Keoladeo National Park, Bharatpur, India. Ecological Society of America, San Antonio, TX.
- Middleton, B.A. 1992. Management of monsoonal wetlands for Greylag and Barheaded Geese based on their food and habitat preferences in the Keoladeo National Park, India. International Association of Ecology, Columbus, Ohio.

- Sanchez-Rojas, E., and B. A. Middleton. 1994. Herbivory and seed bank dynamics in a seasonal wet/dry wetland near Palo Verde National Park, Costa Rica. Ecological Society of America, Knoxville, Tennessee.
- Middleton, B. A. and K. L. McKee. 1994. Above- and below-ground decomposition in mangrove swamps, Twin Cays, Belize. Ecological Society of America, Knoxville, Tennessee.
- Middleton, B. A., K. L. McKee, I. Feller, and W. Heyman. 1995. Nutrient limitation of above- and below-ground decomposition in ecotones of mangrove swamps at Twin Cays and Punta Ycacos, Belize. Ecological Society of America, Snowbird, Utah.
- Nakashima, T., B. Middleton, H. Kaneko, and M. McKernan. 1995. The relationship of epiphyte load, tree species and distance from coast in Costa Rica. Illinois Academy of Science.
- Kaneko, H., B. Middleton, T. Nakashima, and M. McKernan. 1995. Movement pathways of grasshoppers and hermit crabs in vegetated and non-vegetated areas in Costa Rica using fractal analysis. Illinois Academy of Science.
- Middleton, B. A., D. J. Gibson and G. W. Saunders. 1996. Wetland succession studies for undergraduate education. INTECOL, Perth, Australia.
- Middleton, B. A., K. L. McKee, and W. D. Heyman. 1996. Vegetation and seed bank composition across a riverine mangrove landscape at Punta Ycacos, Belize. INTECOL, Perth, Australia.
- Middleton, B. A. 1996. Vegetation change in monsoonal wetlands and herbivory. INTECOL Symposium, Perth, Australia (invited speaker).
- Fessell, K. and B.A. Middleton. 1997. Seedling establishment of bald cypress species buried by varying depths of sedimentation. BSA, Montreal, Canada.
- Middleton, B.A. 1999. Funding opportunities in India. Society of Wetland Scientists, Norfolk, Virginia.
- Akanil, N. B. Middleton and C. Ture. 2000. Leaf litter decomposition rate along the Porsuk River, Eskisehir, Turkey. Second Balkan Botanical Congress (poster).
- Middleton, B.A. 2000. Flood pulsing in the regeneration and maintenance of cypress swamp species. INTECOL, Quebec City, Canada (invited speaker).
- Middleton, B. 2002. Flood pulsing and restoration of wetlands. Wisconsin Wetlands Association, Fond du Lac, Wisconsin (Feb. 2002).
- Middleton, B. and K. McKee. 2002. Primary production, impoundment and restoration of baldcypress swamps along a latitudinal gradient in North America. Society of Wetland Scientist, Nanjing, China.
- Middleton, B. 2002. Wetland restoration, flood pulsing and regeneration dynamics. Society of Wetland Scientists, Nanjing, China.
- Middleton, B. 2003. Temperate freshwater wetlands: hydrology, climate change, and other threats. International Conference on Environment Futures, Zurich, Switzerland (invited speaker).
- Akanil Bingol, N., C. Ture, and B. Middleton. 2003. Growth and development of *Lythrum salicaria* L. in different biogeographical regions in Turkey. INTECOL, Utrecht, Netherlands (2004).
- Middleton, B.A. 2003. Vegetation change, flood pulsing and disturbance dynamics in monsoonal wetlands and implications for restoration. Indian Water Works Association, Mumbai, India (Delivered by Narayan Desai, Sept 2003).

Graduate Student Principal Research Advisor

Southern Illinois University

Nuket Akanil - M.S. 1996. Leaf decomposition in montane streams in Turkey.

University of Louisiana

Greta Goranova – Ph.D., Latitudinal patterns of reproduction of mangroves, Florida to Panama.

University of Pune, India (external evaluator)

Narayan Desai (Botany)-Ph.D., 2002, Restoration of sacred groves in India.