

CURRICULUM VITAE

Name: Zhu H. Ning

Title: Professor, Urban Forestry Program

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I. Education

1991 Doctoral degree in Forestry, S. F. Austin State Univ., Nacogdoches, TX, USA
1986 M.S. in Agriculture, Northeast Forestry University (NEFU), Harbin, P. R. China
1983 B.S. in Agriculture, NEFU, Harbin, P. R. China
1991 Post Doctorate, Ecophysiology, S. F. Austin State Univ., Nacogdoches, TX, USA
1993 Further study, Urban Forestry with certificates and credit hours, The Urban Forestry Institute, Univ. of Florida, Gainesville, FL, USA

II. Professional Experience

Present-2003: **Professor**, Urban Forestry Program, College of Agricultural, Family and Consumer Sciences (CAFCS), Southern University and A&M College (SU), Baton Rouge, LA

Present-2001: **Research Scientist**, SU Agricultural Research and Extension Center

Present-2003: **Research Thrust II Leader**, Center for Coastal Zone Assessment and Remote Sensing, a NASA university research center at SU

2003-1998: **Associate Professor**, Urban Forestry Program, CAFCS, SU

1998-94: **Assistant Professor**, Urban Forestry Program, CAFCS, SU

1994-92: **Assistant Professor**, Biological Sciences, Jarvis Christian College, Hawkins, TX

III. Publications (past ten years)

Ning, Z. H. 2010. The role of renewable natural resources in youth education and development. *Journal of Urban Education*. 1(87-90).

Ning, Z. H. 2010. Integrating climate change education into urban forestry curricular. *Proceedings of the Society of American Foresters National Convention*, Albuquerque, NM

Ning, Z.H. 2010. Strengthening global competence in forestry and agriculture. *Proceedings of the Society of American Foresters National Convention*, Albuquerque, NM

Ning, Z.H., K. Abdollahi, T Legiandenyi, and A. Negatu. 2010 Quantifying contribution of mulch to urban soil carbon flux and tree canopy CO₂ sequestration. *Abstracts of the International Society of Arboriculture 2010 conference*, Chicago, IL

Abdollahi, K. and Z. H. Ning, 2010 Strategic recycling and utilization of hurricane

generated urban wood waste for urban forests restoration in coastal Louisiana. Abstracts of the International conference for urban forestry in challenging environment, Beijing, China

Ning, Z.H. and K. Abdollahi, 2010. Urban flooding and soil removal impact on growth and physiology of cherrybark oak and water oak. Abstracts of the International conference for urban forestry in challenging environment, Beijing, China

Abdollahi, K and Z. Ning, 2010. Urban forest ecosystem assessment and restoration after hurricane Katrina. Abstracts of the 20th Annual international conference on soil, sediments, water, and energy, San Diego, CA

Ning, Z. and K Abdollahi. 2010. Remediating urban soil through bio-based mulch amendment. Abstracts of the 20th Annual international conference on soil, sediments, water, and energy, San Diego, CA

Ning, Z. H. R.E Turner, and K. Abdollahi. 2009. Climate Change and Its Impacts on the Coastal Ecosystems of the Gulf of Mexico. Chapter 28 in Climate Change and Sustainable Growth. Ed. Ruth A. Reck, Linton Atlantic Books, Ltd. Yarnnton, Oxon Cambridge (UK), Chicago (USA), New York (USA). Pp297-321.

Abdollahi, K. Z. H. Ning, T. Legiandenyi, and A. Negatu, 2009. Impact of Different Bio-Based Mulches on Urban Soil CO₂ Flux in Southeastern Louisiana. p48-55. In The Landscape Below Ground III. ed. G. Watson *et al.* ISA, Champaign, IL

Ning, Z. H., K. Abdollahi, T Legiandenyi, and A. Negatu. 2009. Assessing the impacts of urban forestry practices on soil respiration and net-photosynthesis of *Quercus nuttallii*. In Proceedings of Society of American Foresters 2009 National Convention.

Ning, Z. H. and K. Abdollahi. 2009. Urban Forestry in China. In Proceedings of Society of American Foresters 2009 National Convention.

Ning, Z. H., C. Blanche, K. Onokpise, and K. Covey. 2009. International forestry in a changing world. Abstracts of Society of American Foresters 2009 National Convention.

Ning, Z. H., K. Abdollahi, J. Allen, and S. Whisenant. 2009. Forestry and natural resource education programs and opportunities. Abstracts of Society of American Foresters 2009 National Convention.

Abdollahi, K., Z. Ning, and D. Collins. 2009. Integrating ecosystem science and management with urban forestry education. Abstracts of Society of American Foresters 2009 National Convention.

Ning, Z. H., Xing Y. H., Liou C. F., and K. Abdollahi 2008. Assessing urban forest structure and health in China. Journal of Arboriculture and Urban Forestry 34(6):379-385.

Ning, Z. H. and K. Abdollahi. 2008 Biomass as renewable bioenergy resources. In Proceedings of Society of American Foresters 2008 National Convention

Ning, Z. H. and K. Abdollahi. 2008 Climate Change and the Gulf Coastal forests. In Proceedings of Society of American Foresters 2008 National Convention

Namwamba, F., D. J. Collins, K. Abdollahi, and Z. Ning, 2008. The history and background of urban forestry education at Southern University. In proceedings of the Symposium on Celebrating Minority Professionals in Forestry and Natural Resource Conservation. ed. Kome U. Onokpise et al. USDA Forest Service Southern Research Station General Technical Report SRS-106. p3-6.

Namwamba, F., D. J. Collins, K. Abdollahi, and Z. Ning, 2008. Encouraging minority to enroll and graduate in urban forestry and related disciplines at Southern University. In proceedings of the Symposium on Celebrating Minority Professionals in Forestry and Natural Resource Conservation. ed. Kome U. Onokpise et al. USDA Forest Service Southern Research Station General Technical Report SRS-106. p15-18.

Ning, Z. H. R.E Turner, and K. Abdollahi. 2007. Climate Change and Its Impacts on the Coastal Ecosystems of the Gulf of Mexico. *Forum on Public Policies: A Journal of the Oxford Round Table* 3(4):377-395.

Ning, Z. H. and K. Abdollahi. 2007. Enhance teaching effectiveness through experiential training. *Journal of Urban Education*. 4(2):11-17

Abdollahi, K.K., Z.H. Ning, and M. Stubblefield. 2005. *Urban Forest Ecosystem Structure and Function of the Gulf Coastal Communities in the United States*. In; E. Tiezzi et.al. *Ecosystem and Sustainable Development V. Advances in Ecological Sciences*, Vol 22. ISBN: 1-84564-013-6. WIT Press, Ashurst, Southampton, SO40 7AA, UK.

Ning, Z. H. and K.K. Abdollahi 2004. *Urban and Community Forestry: Working Together to Facilitate Change*. A book published in collaboration with the Ford Foundation and USDA Forest Service.

Ning, Z.H., R.E. Turner, T. Doyle, and K. Abdollahi 2003 *Preparing for a Changing Climate*. A book publication by GCRCC in collaboration with USEPA and USGCRP.

Ning, Z. H., E. Turner, T. Doyle, and K. Abdollahi 2003 *Integrated Assessment of the Climate Change Impacts on the Gulf Coast Region*. A book publication by GCRCC in collaboration with USEPA and USGCRP.

He, X. Y. and Z. H. Ning 2002 *Advances in Urban Forest Ecology*. China Forestry Press.

He, X. Y., Z. H. Ning et al, 2004. *Shenyang's Urban Forest*. China Science Press.

Ning, Z. and K. Abdollahi. 2000 *Current Stresses and Potential Vulnerabilities: Implications of Global Change for the Gulf Coast Region of the United States*. A book Published by GCRCC in collaboration with USEPA and USGCRP.

Abdollahi, K.K. Z.H. Ning, and V. A. Appeaning. 2000 *Global Climate Change and The*

Urban Forests. A book published by GCRCC in collaboration with USDA-FS and USGCRP.

Ning, Z.H. and K.K. Abdollahi. 1999. *Global Climate Change and its Consequences on the Gulf Coast Region of the United States*. 1999. A book published by GCRCC in collaboration with USEPA and USGCRP.

Ning, Z. H. and K. Abdollahi. 2007 Utilizing urban wood waste as organic mulch in urban forestry. In Proceedings of Society of American Foresters 2007 National Convention

Ning, Z.H and K. Abdollahi 2007. Urban Forests in the Gulf Coast region: lessons learned after Hurricane Katrina. In *Proceedings of the Society of American Foresters 2007 National Convention*.

Abdollahi, K., Z. H. Ning , D. Collins, and A. Negatu. 2007 Monitoring human influences on urban landscape and ecosystem of Gulf coastal communities: a case study of Gulfport Mississippi. In Proceedings of Emerging Issues along Urban/Rural Interfaces II, p206-209. Atlanta, GA

Abdollahi, K. K. Z. H. Ning, and D. Collins. 2007. Gulf coastal urban forestry hazard assessment and remote sensing efforts after hurricane Katrina and Rita. In proceedings of 7th Symposium on the Urban Environment. American Meteorology Society.

Abdollahi, K. K. and Z. H. Ning, 2006. Assessing the health of live oaks (*Quercus virginiana*) in the Gulf Coast region using canopy and leaf analysis. *The Journal of Scanning Microscopy*. 28(2):128-129

Ning, Z. and K. Abdollahi 2006. Urban Forests after Hurricane Katrina: Damage Assessment and Restoration. In *Proceedings of the Society of American Foresters 2006 National Convention*.

Harmon, A. Ning, Z. and K. Abdollahi 2006. Organic Mulch and Its Application in Urban Landscapes. In *Proceedings of the Society of American Foresters 2006 National Convention*.

Ning, Z. 2006. Promoting Participation of Women in Forestry and Natural resource Related Fields. In *Proceedings of the Society of American Foresters 2006 National Convention*.

Ning Z. and K. Abdollahi 2005. Organic Mulch and Its Effects on Live Oaks and Urban Soil. *Microscopy and Microanalysis* 11(2):1146-47.

Ning Z. and K. Abdollahi 2005. Seed coat structure of *Pinus Koraiensis*. *Microscopy and Microanalysis* 11(2):1146-47.

Ning, Z. 2005. Urban Forests-the Devastated Gulf Coast. *Communities and Forests*. 10 (1):3-5.

Abdollahi, K. and Z. H. Ning 2004. Biological logical responses of red oaks (*Quercus*

falcate var.falcata) and Willow oaks (*Q. phellos*) to hypoxia in the rhizoshere. *Microscopy and Microanalysis* 10(2):1450-51

Ning, Z. H. X.Y. He, and K. Abdollahi 2004 Lateral root formation on *Pinus koraiensis*: a morphological and anatomical point of view. *Microscopy and Microanalysis* 10 (2):1454-55

Winston, K. and Z. H. Ning 2004 Minority perception and participation in urban and community forestry. In the *Proceedings of Canadian Institute of Forestry and the Society of American Foresters Joint Annual 2004 Convention, Edmonton Canada*

Franklin, M. Z. H. Ning, and M. Stubblefield 2004 Human population change, urban sprawl, and land use change. In the *Proceedings of Canadian Institute of Forestry and the Society of American Foresters Joint Annual 2004 Convention, Edmonton Canada*

Ning, ZH, X. He and K. Abdollahi, 2003. Meristematic tissue in *Pinus Koraiensis*. *Microscopy and Microanalysis* 9(2): 1334-1335.

Chen, W., X. He, Y. Zhang, Y. Sun, W. Wang, and Z. Ning, 2003. Dust absorption effect of urban conifers in Northeast China. *Journal of Applied Ecology* 14(12):2113-2116.

Zhu, W., X. He, W. Chen, Y. Chen, Y. Zhang, and Z. Ning, 2003. Quantitative analysis of urban forest structure: a case study on Shenyang arboretum. *Journal of Applied Ecology* 14(12):2090-2094.

Liu, C., H. Li, X. He, W. Chen, W. Xu, G. Zhao, and Z. Ning, 2003. Concept discussion and analysis of urban forest. *Journal of Ecology* 22(5)146-149.

Chen, W., X. He, W. Wang, W. Xu, Y. Zhang, and Z. Ning, 2003. Survival condition of *Metasequoia glyptostroboides* in Shenyang city of China. *Journal of Applied Ecology* 177-180.

Hu, Z., X. He, Y. Li, Y. Sun, and Z. Ning, 2003. Development and application of urban forest management information system (UFMIS) based on CITY green model. *Journal of Applied Ecology*, 22(6): 181-185.

Ning, ZH, R. Teng, and K. Abdollahi, 2003. Advances in woody plant tissue culture. In the *Proceedings of Society of American Foresters 2002 National Convention, Winston-Salem, NC*.

Ning, ZH and Frank Thibodeaux, 2003. Mitigating defective structure in urban trees. In the *Proceedings of Society of American Foresters 2002 National Convention, Winston-Salem, NC*.

Johnson, A. and Z.H. Ning, 2003. Urban forested wetlands in Louisiana. In the *Proceedings of Society of American Foresters 2002 National Convention, Winston-Salem, NC*.

Ning, Z.H., X. Y. He, W. Chen, and K. Abdollahi. 2003. Structure and Functions of Street Trees in Shenyang, China. In Proceedings of *Society of American Foresters 2003 National Convention*, p421-423.

Ning, Z.H., X. Y. He, W. Chen, and K. Abdollahi. 2003. Current Status and Future Outlook of Urban Forestry Research in China. In the Proceedings of *Society of American Foresters 2003 National Convention, Buffalo, NY* p424-425.

Ning, Z. H, X. Y. He, and W. Chen. 2003 Integrated green infrastructures into urban development in China. In the Proceedings of the Engineering Green: 2003 National Urban Forest Conference, pp 132-135, published by American Forests.

Abdollahi, K. K., Z. H. Ning, and M. Stubblefield, 2003 Brownfields remediation through urban tree planting. In the Proceedings of the Engineering Green: 2003 National Urban Forest Conference, pp 162-165, published by American Forests.

Ning, Z. H. 2003 Effects of Global Climate Change on Water Resources in the United States and Egypt: Consequences and Mitigation Strategies. In the Proceedings of the Joint US and Egypt Workshop to Identifying Water Resources/Environmental Related Research Needs/Gaps, Cairo, Egypt

Ning, ZH, X. He and K. Abdollahi, 2002. SEM examination of conductive tissue of *Pinus Koraiensis* needles. *Microscopy and Microanalysis* 8(2):1088-1089

Ning, ZH, B. Hampshire, and K. Abdollahi, 2002. Physiological responses of red maple (*Acer rubrum*) and southern red oak (*Quercus falcata*) to elevated carbon dioxide. In *Proceedings of the Society of American Foresters 2001 National Convention* p436-442

Ning, ZH and K. Abdollahi 2002 Tissue culture and urban trees: a review. In *Proceedings of the Society of American Foresters 2001 National Convention*, p418-431

Ning, ZH, K. Abdollahi, X.Y. He and W.Chen, 2002. Urban forestry in China- a case study in city of Shenyang. In *Proceedings of the Society of American Foresters 2001 National Convention*, p 432-435.

Abdollahi, K, Z. Ning, et al. 2002. Impact of urban soil flooding on growth and physiology of oak tree species, In *Proceedings of the Society of American Foresters 2001 National Convention*, p313-323.

Ning, ZH and K. Abdollahi, 2001 Effects of elevated CO₂ on canopy carbon sequestration, leaf stomatal density, and gas exchange of *Quercus shumardii* and *Liquidamber styraciflua*. *Journal of Scanning Microscopies* 23(2):150-51

Abdollahi, KK and ZH Ning, 2001. Comparative study of oak species for intercepting particle pollution. *Microscopy and Microanalysis* 7(2):532-33

Abdollahi, K.K., Z.H. Ning, V.A. Appeaning. 2000. Urban Vegetation and their Relative

Ability in Removing Tropospheric Ozone. *Urban Environment* 3:141-142, published by American Meteorology Society (AMS).

Abdollahi, K.K. and Z.H. Ning. 2000. Urban Vegetation and their Relative Ability in Intercepting Particle Pollution (PM_{2.5}). *Urban Environment* 3:127-128, published by American Meteorology Society (AMS).

Ning, ZH and K. Abdollahi 2000, Effects of ozone on the surface of loblolly pine (*Pinus taeda*) needles. *The Journal of Scanning Microcopies*, 22(2): 86-87

Ning, Z. 2000 A Cajun Perspective: Gulf Coast Regional Climate Change Assessment. *In Acclimations: U.S. National Assessment of climate Variability and Change, Issue 10 pp6-10, Published by the U.S. Global Change Research Program, 400 Virginia Ave. SW, Suite 750, Washington, DC 20024.*

Ning, ZH and K. Abdollahi 2000. Current Stresses and Potential Vulnerabilities: Major Findings of the Gulf Coast Regional Climate Change Workshop. *Proceedings of the society of American Foresters 1999 National Convention. P149-156*

Ning, Z. H., X. He, C. Lu, and H. Li 2004. Urban Forestry Ecological Studies. Chinese Academy of Sciences, Institute for Applied Ecology. 101pages

Ning, Z. H. 2004. Recommendations for Historic Pine (*Pinus tabulaeformis*) Preservation and Revitalization. P63-78 In a technical report by the Chinese Academy of Sciences, Institute for Applied Ecology

Ning, Z. and E. Reyes 2001. Impacts of Sea Level Rise on Coastal Landscapes. *Technical Report I for Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. GCRCC, USEPA and USGCRP. 24 pages*

Ning, Z. and D. Justic 2001. Climate Change Impacts on Low Oxygen Zones and its Effects on Fisheries. *Technical Report II for Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. GCRCC, USEPA and USGCRP. 40pages*

Ning, Z. and E. Swenson 2001. Assessing the Potential Climate Change Impacts on Salinity in Northern Gulf of Mexico Estuaries: A Test Case in the Barataria Estuarine System. *Technical Report III for Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. GCRCC, USEPA and USGCRP. 49 page*

Ning, Z. and W. Khairy 2001. Assessing and Modeling Flood Event and Climate Change in the Gulf Coast Region. *Technical Report IV for Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. GCRCC, USEPA and USGCRP. 40pages*

Ning, Z. and T. Doyle 2001 Predicting Coastal Retreat in the Florida Big Bend Region of the Gulf Coast under Climate Change Induced Sea Level Rise. *Technical Report V for Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. GCRCC, USEPA and USGCRP. 21pages*

Ning, Z. and T. Doyle 2001. Modeling Mangrove Forest Migration along the Southwest Coast of Florida under climate Change. *Technical Report VI for Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. GCRCC, USEPA and USGCRP.* 28 pages

Ning, Z. and K. Liu 2001. Assessing the Vulnerability of the Alabama Gulf Coast to Intense Hurricane Strikes and Forest Fire in the Light of Long-term Climatic Changes. *Technical Report VII for Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. GCRCC, USEPA and USGCRP.* 17 pages

Ning, Z. and A. Thoronton 2001. Gulf Coast Regional Socio-economic Environment Baseline. *Technical Report VIII for Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. GCRCC, USEPA and USGCRP.* 26 pages

Ning, Z. and A. Thoronton 2001. Gulf Coast Regional Socio-economic Trend Projection. *Technical Report IX for Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. GCRCC, USEPA and USGCRP.* 47pages

Ning, Z. and K. Wang 2001. Gulf Coast Regional Physical Environment Baseline. *Technical Report X for Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. GCRCC, USEPA and USGCRP.* 30pages

Ning, Z. and K. Abdollahi 2009 Impacts of tree based mulch on the growth and CO₂ uptake of *Quercus nuttallii*. In Program and Abstracts of the 15th Biennial Research Symposium, March 28-April 1, 2009, Atlanta, GA

Ning, Z. H. and K. Abdollahi 2008. Native oak tree species and their adaptation and tolerance to flooding stress. In Proceedings of the International Society of Arboriculture 2008 Conference, St Louis, MO.

Abdollahi, K and Z. H. Ning 2008. Impact of different biobased mulch on the urban soil CO₂ fluxes in Southeast Louisiana. In the Program and Abstracts of the International Conference on Tree Root Development in Urban Soil. Lisle, IL

Ning, Z., K. Abdollahi, D. Collins, and A. Johnson 2008 Promoting youth development through renewable natural resource education and outreach. In Program and Abstracts of the AEA/ARD Land Grant Conference, June 8-11, Memphis, TN.

Crockett, A and Z. H. Ning 2008. Alternative Fuels: Ethanol (E85). In program and Abstracts of the GIS and Climate Change Research Workshop hosted by SU and NSAS John C. Stennis Space Center

Abdollahi, K. T. Legianyi, Z. H. Ning, F. Fellner, and A. Negatu 2007. Soil Co₂ efflux in response to mulch treatment in an urban forest ecosystem. In Proceedings of the Society of American Foresters 2007 National Convention

Collins, D. Y. Qi, Z. Ning, K. Abdollahi, F. Namwamba, and A. Johnson. 2007 Urban

forestry extension and outreach activities at Southern University. In Proceedings of Emerging Issues Along Urban/Rural Interfaces II, Atlanta, GA.

Collins, D., K. Abdollahi, A. Johnson, F. Namwamba, Z. Ning, and Y. Qi. 2007. Enhancement of the M.S. and Ph.D. degree program in urban forestry at Southern University through plant biosecurity training. In Proceedings of Emerging Issues Along Urban/Rural Interfaces II, Atlanta, GA.

Abdollahi, K., D. Collins, Z. Ning, and G. Tarver 2006. Urban forest ecosystem assessment for Gulfport, Mississippi prior to hurricane Katrina's landfall. In Abstracts of the American Phytopathological Society, Canadian Phytopathological Society, and Mycological Society of America Joint Meeting, Quebec, Canada

Ning, Z. et. al. 2006. Women and Young Professionals in Natural Resources. *Abstracts of the society of American Foresters 2006 National Convention.*

McBride, J. Z. H. Ning et. al. 2006 People and Nature: Changes to Community Forests. *Abstracts of the Proceedings of the society of American Foresters 2006 National Convention.*

Ning, Z., K. Abdollahi, D. Collins, and A. Johnson. 2006 Southern University AgCenter scientists assist minority communities and small businesses in urban wood wastes utilization. ARD 14th Biennial Research Symposium, p287. April 1-5, Atlanta, GA

Ning, Z., K. Abdollahi, and O. Bendale. 2006 Tissue culture at Southern University Agriculture research and Extension Center. ARD 14th Biennial Research Symposium, p287. April 1-5, Atlanta, GA

Ning, Z. and Chris White. 2006 Urban forests and its sustainability. ARD 14th Biennial Research Symposium, p286. April 1-5, Atlanta, GA

Ning, Z., K. Abdollahi, E.E. Turner, T. Doyle, and T. Coleman, 2006 Impacts of Gulf Coast regional climate change on society. ARD 14th Biennial Research Symposium, p134. April 1-5, Atlanta, GA

Ning, Z. 2006. Urban and rural linkage through forestry. Abstracts of the International Conference on the Role of Forestry in Rural Development and Environmental Sustainability, April 19-21, Beijing, China

Abdollahi, K.K., Z. Ning, and D. Collins. 2006. Urban forest ecosystem assessment for Gulf Port, Mississippi prior to hurricane Katrina landfall. ARD 14th Biennial Research Symposium, p93. April 1-5, Atlanta, GA

Collins, D. J., K. Abdollahi, A. Johnson, F. Namwamba, Z. Ning, Y. Qi, and E. Taylor. 2006. Contributions of the urban forestry program at Southern University to diversity in the natural resource workforce. ARD 14th Biennial Research Symposium, p250. April 1-5, Atlanta, GA

Abdollahi, K, Z. H. Ning, and M. Stubblefield. 2005 Sea level change in the U.S. Gulf Coast region in Abstracts of International Conference on Rapid Sea Level Change: a Caspian Perspective. pp19 Guilan University Press, Rasht, Iran

Ning, Z.H., X. Y. He, and W. Chen. 2003. Urban forestry ecological research in China. Abstracts of the International Society of Arboriculture Conference AREA Session, Montreal, Canada

Collins, D.J., K. Abdollahi, Z. Ning, A. Johnson, F. Namwamba, Y. Qi and R. Stone. 2003 Encouraging minorities to enroll and graduate in urban forestry at Southern University-Baton Rouge. In *Abstracts of ARD 13th Biennial Research Symposium*, Atlanta, GA. P.67-68

Qadri, S. M., K. Abdollahi, and Z. H. Ning. 2003 The impact of elevated CO₂ on net photosynthesis and transpiration of Camellia (*Camellia japonica*), Japanese Boxwood (*Buxus microphylla*) and common privet (*Ligustrum sinense*). In *Abstracts of ARD 13th Biennial Research Symposium*, Atlanta, GA. P.154

Smith, G. K. and Z. H. Ning. 2003 Perceptions of the Gulf Coast communities on global climate change. In *Abstracts of ARD 13th Biennial Research Symposium*, Atlanta, GA. P.155

Ning, Z. H. 2003 urban and community forestry education and outreach. In *Abstracts of ARD 13th Biennial Research Symposium*, Atlanta, GA. P. 169-170

Ning, ZH. 2002. The application of City Green model in Chinese urban forest ecological research. In *Digest of the International Symposium on Urban Forest and Eco-city*. Shanghai, China

Ning, ZH. and M. Qadri 2002. Handbook of Tissue Culture Simplified Laboratory Manual. Southern University Agricultural Research and Extension Center.

Ning, ZH. 2002. Handbook of Genetic Terminology for Biotechnological Applications (Part I). Southern University Agricultural Research and Extension Center.

Abdollahi, K.K. V.A. Appeaning, Z.H. Ning, and A. Negatu, 2000. Quantifying the relative ability of urban tree species in removing tropospheric ozone. *Abstract of Association of Research Directors. Inc. 12th Biennial Research Symposium. p86.*

Abdollahi, K.K. A. Muhammad, Z.H. Ning, and A. Negatu, 2000. Quantifying the relative ability of landscape shrubs in intercepting and removing particle pollution (PM_{2.5}) *Abstract of Association of Research Directors. Inc. 12th Biennial Research Symposium. p87.*

Ning, Z. H. 2006 Risk Assessment and Management Workshop Trains Communities on Tree related Hazard Prevention During Hurricane Season. USDA Forest Service Southern Region 3(1):2-3, Ref:1700-1690-3

Ning, Z. 2006. Assessing Gulf Coast Regional climate change and its impacts on society. Southern University AgCenter website (link: Hurricane Center).

Gregory Tarver and Z. H. Ning 2005. Composting urban waste wood for home garden use. Urban Forestry, Natural Resources, and Environment Vol 2 No.501 Southern University Agricultural Research and Extension Center, Baton Rouge, LA

Ning, Z. H. and Ian Leahy 2004. One year later: The first national urban and community forestry conference for minority and underserved communities. In Communities and Forests 8 (2):3.

Ning, Z. H. 2004. Fertilization of tree and shrubs In Urban Forestry, Natural Resources, and Environment Cir. No.501 Vol. 1, Southern University Agricultural Research and Extension Center, Baton Rouge, LA

Ning, Z. H. 2004. March in Louisiana-planting time. In Urban Forestry, Natural Resources, and Environment Cir. No.502 Vol. 1, Southern University Agricultural Research and Extension Center, Baton Rouge, LA

Ning, Z. H. 2004. Climate change and its impacts on society. In Urban Forestry, Natural Resources, and Environment Cir. No.503 Vol. 1, Southern University Agricultural Research and Extension Center, Baton Rouge, LA

Ning, Z. H. 2004. International collaboration with China in urban forestry ecological studies. In Urban Forestry, Natural Resources, and Environment Cir. No.504 Vol. 1, Southern University Agricultural Research and Extension Center, Baton Rouge, LA

Ning, Z. H. 2004. Providing leadership in urban and community forestry education and outreach for minority and underserved communities. In Urban Forestry, Natural Resources, and Environment Cir. No.505 Vol. 1, Southern University Agricultural Research and Extension Center, Baton Rouge, LA

Ning, Z. H. 2004. Creative way in producing urban tree through propagation. In Urban Forestry, Natural Resources, and Environment Cir. No.506 Vol. 1, Southern University Agricultural Research and Extension Center, Baton Rouge, LA

IV. Grants and Projects (past ten years)

Quantifying the response of urban tree species to elevated CO₂ and flooding
USDA CBGP \$299,947. PI, 2010-2013

Strengthening the global competence and of minority students and faculty in forestry and agriculture through collaborative programs with China. USDA ISE. \$150,000. PI. 2010-2013.

Strengthening teaching and learning in urban forestry through climate change education.
USDA CBGP \$299,947. PI, 2010-2013

ACE implementation: the new energy workforce: sustainable materials, energy, and technology. NSF, CO-PI \$3,000,000, 2010-2013

Integrating bioenergy science and technology into agriculture education at Southern University USDA CBGP \$296,794. Co-PI, 2010-2013

Enhance the teaching capacity in of urban forestry program at Southern University. USDA NIFA CBGP 2008-2012. \$196,000 Co-PI.

Urban forest management for sustaining healthy and productive historic Scott's bluff ecosystem in Scotlandville, LA. USDA NIFA. 2010. Co-PI.

Assessing plant-based mulch products for biophysical management of live oak in urban areas. USDA NIFA 2009-2013.

Quantify the impacts of biobased plant residues on nutrient management and growth of selected urban landscape trees. 2004-2009 USDA CSREES, \$393,270. Co-PI

Center for Coastal Zone Assessment and Remote Sensing 2002-2007, NASA, 6 million, 2002-08, Co-PI

Integrated Assessment of the Consequences of Climate Change for the Gulf Coast Region. Project period: 2000-2003. Funding agency: *US EPA*. Funding amount: \$460,614.00, PI: ZH Ning

Urban Forest Ecology 2001-2004, *Chinese Academy of Sciences*, 2 million Chinese Yuan, PI

Biological Responses of Oaks to Hypoxia in the Rhizosphere. *USDA-CSREES*. 1999-2002. \$210,000.00. CO-PI

Enhancement of M.S. and Ph.D. degree program in urban forestry through biosecurity training. Co-PI, USDA CBGP.

Hazard tree inventory and damage assessment for minority and underserved communities impacted by hurricanes Katrina and Rita. USDA Forest Service. \$15,000. PI.

New Orleans District-indefinite contract for project management and planning services, 2005-08, US Army Corp of Engineers, \$1,500,000, CO-PI

[Rebuilding Gulf Coastal Community through Job Training in Urban and Community Forestry for Minority and Underserved Communities Impacted by Hurricane Katrina and Rita.](#) 2006-07 Ford Foundation \$60,000, PI.

Promoting better Tree Care for Minority and Underserved Communities of Louisiana Impacted by Hurricane Katrina and Rita through the Use of Organic Mulch. 2007 USDA Forest Service. \$5,000 PI.

National Urban and Community Forestry Minority Education and Outreach Conference. Project period: 2002-2004. Funding agency: *National Urban and Community Forestry Advisory Council and the Ford Foundation*, award amount: \$100,000. PI

Increasing Minority Participation in Urban and Community Forestry. USDA Forest Service, \$17,500. 2003-04.

Biotechnological Approaches in Urban Tree Propagation, 1998-2002, *USDA CSREES*, PI: ZH Ning

V. Professional and Scholarly Organizations:

Chair, Society of American Foresters (SAF) National Convention Program Committee
Immediate Past President, International Society of Arboriculture (ISA) Research and Education Academy

Immediate Past Chair, SAF International Forestry Working Group

Board member, Tree Link Advisory Board

American Forests Katrina ReLeaf Funds Advisory Committee member

Representative, Sustainable Urban Forestry Coalition, a national organization (till 2009)

Member, SAF National Committee on World Forestry

Member, SAF National Committee on Leadership Development

International Society of Arboriculture Conference Program Committee

Xi Sigma Pi Forestry Honor Society (Alpha Zeta Chapter)

International Association for the Urban Climate (IAUC)

Committee on Institutional Cooperation (CIC)

Past Chair, Urban Forestry, Society of American Foresters (SAF)

Past Board member of the 7th American Forest Communities Committee

Past Chair, National Committee on Cultural Diversity, SAF

University of California at Berkeley and Ford Foundation Community Forestry Research Fellowship Program Advisory Committee member

Board member, Baton Rouge Botanical Garden Foundation

Board member, Baton Rouge Green

VI. Honors

2008 Award of recognition from Association of Extension Administrators and Association of Research Directors

2008 Award of recognition from Southern University

2007 Oxford Round Table Scholar.

2007 Award of recognition from SU system President

2007 Award of recognition from SU Agcenter Chancellor Vice Chancellor

2007 Award from the College of Agriculture Urban Forestry Summer Institute

2006 Award from the Louisiana State Governor Kathleen Blanco

2006 Award from the Center for Social Studies

2005 and 2006: Society of American Forester's National Award for Contribution in Forest Science Programs (two times).

2005 Louisiana State University Agricultural Center Certificate of Appreciation
2004 Honored at SU for the grantmanship in the category of Millionaire Club
2003: USDA Forest Service Outstanding Leadership Award in Urban and Community Forestry Education and Outreach to Minority and Underserved Communities
2001 Honored for the Outstanding Research Investigator for Competitive Grant at SU
2000 Award for "Meritorious contribution, Dedication, and Exemplary Service" from Urban Recreation Research Center, a partnership between Southern University and A&M College and the U. S. Department of the Interior, National Park Service
1996-1998 and 2000-2003: Faculty Awards for Excellence for Outstanding Research Performance, Southern Univ. (multiple times)
1998: Commendation from the Director of the White House Office of Science and Technological Policies for Leading the Gulf Coast region of the National Assessment on consequences of climate variability and change
1998: Commendation from the Governor of the State of Louisiana for Leading the Gulf Coast region of the National Assessment on consequences of climate variability and change
1994 Leadership of Women in Forestry and Natural Sciences Award.
1993-96 USDA Scholarship: woman in forestry
1993 Univ. of Texas Scholarship: professional enhancement
1990 Ning Scholarship Fund established by Lufkin Career Woman Association in Texas,
1988 Safari Club International Conservation Fund Scholarship: leadership training
1987-91 S. F. Austin State University School of Forestry Scholarship

VII. Editorial Board, Peer Reviewer, and Review Panels Served:

Associate Editor for Journal of Arboriculture and Urban Forestry
Editorial Board member, Journal of Arboriculture and Urban Forestry
Peer reviewer for the Journal of Forestry
Peer reviewer Journal of Urban Forestry and Urban Greening
Peer reviewer Journal of Environmental Sciences
Peer reviewer for the NASA Global Climate Change Education panel
Peer review panel for the US EPA National Center for Environmental Assessment Office of Research and Development's Climate Change Research Program.
2007 Peer reviewer for the National Park Service Natural Resource Stewardship and Science Directorate, manuscript Climate Change and Impacts to Resources Along the Gulf coast.
Review panel for USEPA fellowship in ecology
2003: Peer reviewer for the Wetlands journal
2001: Peer review panel for USDA Agricultural Research Service National Program 204 global change and 203 air quality.
2001-1998: Peer review panel for US Global Change Research Program's National Climate Change Assessment Program.

VIII. Scientific Presentations (past ten years)

Ning, Z.H. et al. 2010 Quantifying contribution of mulch to urban soil carbon flux and tree canopy CO₂ sequestration. At the International Society of Arboriculture 2010

conference, Chicago, IL

Abdollahi, K. and Z. H. Ning, 2010 Strategic recycling and utilization of hurricane generated urban wood waste for urban forests restoration in coastal Louisiana. At the International conference for urban forestry in challenging environment, Beijing, China

Ning, Z.H. et al 2010. Urban flooding and soil removal impact on growth and physiology of cherrybark oak and water oak. At the International conference for urban forestry in challenging environment, Beijing, China

Ning, et al 2010. Integrating climate change education into urban forestry curricular. At Society of American Foresters National Convention, Albuquerque, NM

Abdollahi, K. and Z.H. Ning, 2010 Integrating bioenergy science and technology into urban forest wood waste utilization education. At Society of American Foresters National Convention, Albuquerque, NM

Ning, Z.H. et al 2010. Strengthening global competence in forestry and agriculture. At Society of American Foresters National Convention, Albuquerque, NM

Abdollahi, K. and Z. H. Ning, 2010. Urban Forestry Research at Southern University and Southern USA. At Urban Ecology Research Workshop, Shanghai, China

Abdollahi, K and Z. Ning, 2010. Urban forest ecosystem assessment and restoration after hurricane Katrina. 20th Annual international conference on soil, sediments, water, and energy, San Diego, CA

Ning, Z. and K Abdollahi. 2010. Remediating urban soil through bio-based mulch amendment. 20th Annual international conference on soil, sediments, water, and energy, San Diego, CA

Ning, Z. H. 2009. Urban Forestry in China. Society of American Foresters 2009 National Convention.

Ning, Z. H. and K. Abdollahi 2009. Urban Greening and Community Forestry in the United States. At the 7th International Conference on Public Management, Policy and Development. Ghana, Africa

Ning, Z. H. Urban Greening in China.2009 At the International Society of Arboriculture 2009 Conference, Providence, RI

Abdollahi, K. and Z. H. Ning 2009. Impact of Tree Based Mulch on the Growth and Carbon Sequestration of *Quercus Nuttallii*. At the International Society of Arboriculture 2009 Conference, Providence, RI

Ning Z. H., R.E. Turner, K. Abdollahi, and M. Stubblefield 2009. Climate Change and Sustainable Development of the Coastal Ecosystems. At the 7th International Conference on Public Management, Policy and Development. Ghana, Africa

Ning, Z. and K. Abdollahi 2009 Impacts of tree based mulch on the growth and CO₂ uptake of *Quercus nuttallii*. At the 15th Biennial Research Symposium, March 28-April 1, 2009, Atlanta, GA

Ning, Z., K. Abdollahi, D. Collins, and A. Johnson 2008 Promoting youth development through renewable natural resource education and outreach. At the AEA/ARD Land Grant Conference, June 8-11, Memphis, TN.

Ning, Z. H. 2008 Potential consequences of climate variability and change. Plant Biosecurity Symposium, Baton Rouge, LA

Ning, Z. H. and K. Abdollahi. 2008. Gulf Coastal Forests in a Changing Climate. At the 2008 Society of American Foresters National Convention, Reno, NV.

Ning, Z. H. and K. Abdollahi. 2008. Biomass as alternative energy resource. At the 2008 Society of American Foresters National Convention, Reno, NV.

Ning, Z. H. and K. Abdollahi 2008. Native oak tree species and their adaptation and tolerance to flooding stress. At International Society of Arboriculture 2008 Conference, St Louis, MO.

Abdollahi, K and Z. H. Ning 2008. Impact of different biobased mulch on the urban soil CO₂ fluxes in Southeast Louisiana. At the International Conference on Tree Root Development in Urban Soil. Lisle, IL

McKinzy, J. and Z. H. Ning 2008 Woody Biomass as feedstock for bioenergy. At National Science Foundation Strengthening Minority Access to Research and Training Meeting, Baton Rouge, LA

Ning, Z. H. and K. Abdollahi, 2008. Renewable nature resources in youth education and development At the 5th Annual J. K. Haynes Teacher Preparation Conference. Baton Rouge, LA

Crockett, A and Z. H. Ning 2008. Alternative Fuels: Ethanol (E85). In program and Abstracts of the GIS and Climate Change student research workshop hosted by SU and NSAS John C. Stennis Space Center

Ning, Z. H. et al. 2007 Climate Change and Its Impacts on the Coastal Ecosystems of the Gulf of Mexico. At Oxford Round Table on Global Warming and Sustainable Development: Governing a Crisis, Oxford, UK.

Ning, Z. H. Strengthening leadership skills for the challenges of a changing world. Invited luncheon speaker at the Society of American Foresters 2007 National Convention.

Ning, et al. Utilizing urban wood waste as organic mulch in urban forestry. At the Society of American Foresters 2007 National Convention

Abdollahi, K., T.Legiandenyi, Z. Ning, and F. Fellner. 2007. Soil CO₂ efflux in response

to mulch treatment in an urban forest ecosystem. At the Society of American Foresters 2007 National Convention.

Ning, Z.H and K. Abdollahi 2007. Urban Forests in the Gulf Coast region: lessons learned after Hurricane Katrina. At the Society of American Foresters 2007 National Convention.

Ning, Z. H. et al. 2007 Enhance teaching effectiveness through experiential training. At the 4th Annual J. K. Haynes Teacher Preparation Conference. Baton Rouge, LA

Zhu H. Ning, Xing Y. H., Liou C. F., and K. Abdollahi 2007. Urban Forest Ecological Analysis in China. At the International Society of Arboriculture 83rd Annual Convention.

Ning, Z.H. and K.K. Abdollahi. 2007. Post-hurricane damage assessment and restoration in New Orleans: From an urban forestry point of view. At the 81st Annual Meeting of the Louisiana Academy of Sciences, Baton Rouge, LA

Abdollahi, K.K. and Z.H. Ning. 2007 Pre- and post-hurricane Katrina assessment for the urban forest structure of Gulfport Mississippi. At the 81st Annual Meeting of the Louisiana Academy of Sciences, Baton Rouge, LA

Hamon, A, J. Snowden and Z. H. Ning. 2007 Biodiversity in a Changing Environment. At the 81st Annual Meeting of the Louisiana Academy of Sciences, Baton Rouge, LA

Crockett, A and Z. H. Ning, 2007 Global Warming and Climate Change: Effects on the Environment. At the 81st Annual Meeting of the Louisiana Academy of Sciences, Baton Rouge, LA

Ning, Z. H. 2006 Know Your Trees and Urban Forests. At Hazard Tree Assessment and Management Training Workshop, Baton Rouge, LA

Ning, Z. H. 2006. Urban forests restoration in the Gulf Coast region. At Conference for Management, Restoration, and Small Business Opportunities -Engineering the Vision for a Greater Louisiana Conference, Baton Rouge, LA

Ning, Z. 2005, Cultural relations with the lands-Asian American Perspectives. At the Society of American Foresters (SAF) 2005 National Convention, Fort Worth, TX

Ning, Z. and Brent Beamon 2005. Urban forest management: healthy forests for healthy communities. At the Society of American Foresters (SAF) 2005 National Convention, Fort Worth, TX

Abdollahi, K and Ning, Z. 2005. Gulf coast community urban forest assessment. At the Society of American Foresters (SAF) 2005 National Convention, Fort Worth, TX

Ning, Z. H. 2004 Coastal climate change. At the Louisiana Research Conference hosted by LS-Lamp and CCZARS, New Orleans, LA

Ning, Z. H. and K. Winston 2004 Minority perception and participation in urban and community forestry. At SAF 2004 National Convention, Edmonton, Canada

Ning, Z. H., M. Franklin, and M. Stubblefield 2004 Human population change, urban sprawl, and land use change. At SAF 2004 national Convention, Edmonton, Canada

Abdollahi, K, Z. Ning, D. Collins, A. Negatu, and C. Lott 2004 Biological responses of *Quercus Phellos* and *Q. Falcata* to hypoxia in the rhizosphere. At SAF 2004 National Convention, Edmonton, Canada

Abdollahi, K. and Z. H. Ning 2004. Biological logical responses of red oaks (*Quercus falcate* var. *falcata*) and Willow oaks (*Q. phelos*) to hypoxia in the rhizosphere. At Microscopy Society of America conference, Savanna, GA

Ning, Z. H. and K. Abdollahi, 2004 Gulf Coast regional Climate Change Assessment Summary, invited speaker of the America Meteorological Society Central LA Chapter, Baton Rouge, LA

Ning, Z. H. and K. Abdollahi 2004 Assessing CO₂ sequestration capacity of urban tree in response to elevated atmospheric CO₂ at USDA CRSEES Agricultural research review Nov. 29-Dec. 3, 04 , Baton Rouge, LA

Ning, Z. H. K. Abdollahi, and O. Bandale 2004 Biotechnological approaches in urban tree propagation, at USDA CRSEES Agricultural research review Nov. 29-Dec. 3, 04, Baton Rouge, LA

Abdollahi, K. Z. Ning, and Y. Ghebreiyessus, 2004 Biological response of Southern red oak and willow oak to hypoxia in the rhizosphere, at USDA CRSEES Agricultural research review Nov. 29-Dec. 3, 04, Baton Rouge, LA

Abdollahi, K. Z. Ning, et. al. 2004 Quantifying ozone removal capacity of selected urban tree, at USDA CRSEES Agricultural research review Nov. 29-Dec. 3, 04, Baton Rouge, LA

Abdollahi, K. Z. Ning, et. al. 2004. Quantifying NO₂ removal capacity of selected urban tree, at USDA CRSEES Agricultural research review Nov. 29-Dec. 3, 04, Baton Rouge, LA

Ning, Z. H. and K. Abdollahi, 2004 Urban Forestry research and extension at SU AgCenter. Interviewed and featured on the Jaguar Journal, a weekly radio show to promote SU

Ning, Z.H. et.al. 2004 Urban forest ecology, at the Chinese Academy of Science technical review meeting, Beijing, China

Ning, Z.H. et.al. 2004 Urban forest ecology, at the Institute for Applied Ecology, the Chinese Academy of Science technical review meeting, Shenyang, China

- Ning, Z.H., X. Y. He, W. Chen, and K. Abdollahi. 2003. Community Ecological Analysis of Shenyang Arboretum, a Typical Urban Forest Community. At the Society of American Foresters 2003 National Convention, Buffalo, NY
- Ning, Z. H. 2003 Integrated green infrastructures into urban development in China. At the National Urban and Community Forestry Conference in San Antonio, TX.
- Ning, Z.H 2003. Urban forestry ecological research in China. At the International Society of Arboriculture Conference, Montreal, Canada
- Ning, Z.H., X. Y. He, and W. Chen. 2003. Urban forestry ecological research in China. At the International Society of Arboriculture Conference, Montreal, Canada
- Ning, Z.H., X. Y. He, W. Chen, and K. Abdollahi. 2003. Structure and Functions of Street Trees in Shenyang, China. At *Society of American Foresters 2003 National Convention, Buffalo, NY*
- Ning, Z.H., X. Y. He, W. Chen, and K. Abdollahi. 2003. Community Ecological Analysis of Shenyang Arboretum, a Typical Urban Forest Community. At *Society of American Foresters 2003 National Convention, Buffalo, NY*
- Ning, Z.H., X. Y. He, W. Chen, and K. Abdollahi. 2003. Current Status and Future Outlook of Urban Forestry Research in China. At *Society of American Foresters 2003 National Convention, Buffalo, NY*
- Ning, Z. H. and A. D. Johnson. 2003 Values of Urban Forested Wetlands. At the Society of Wetlands Scientists 24th Annual Meeting, New Orleans, LA
- Ning, ZH, R. Teng, and K. Abdollahi, 2002. Advances in woody plant tissue culture. At the *Society of American Foresters 2002 National Convention, Winston-Salem, NC*.
- Ning, ZH and Franck Thibodeaux, 2002. Mitigating defective structure in urban trees. At the *Society of American Foresters 2002 National Convention, Winston-Salem, NC*.
- Johnson, A. and Z.H. Ning, 2002. Urban forested wetlands in Louisiana. At the *Society of American Foresters 2002 National Convention, Winston-Salem, NC* .
- Ning, ZH 2002. Application of City Green model in Chinese urban forest ecological research. At the *International Symposium on Urban Forest and Eco-city. Shanghai, China*.
- Abdollahi, K and Z. Ning 2002. Urban forest ecosystem analysis for Baton Rouge, LA. At the *Society of American Foresters 2002 National Convention, Winston-Salem, NC*.
- Abdollahi, K and Z. Ning 2002. Preservation of Gulf Coast live oaks. At the *Society of American Foresters 2002 National Convention, Winston-Salem, NC*.
- Ning, Z. 2002. Global change and the urban forests. At the *Louisiana Urban Forestry*

Council 2002 Conference. Lafayette, LA.

Ning, Z. 2001. Invited Panelist at the *EPA's Global Climate Meeting: Lessons Learned in the National Assessment of the Potential Consequences of Climate Change.*

Ning, Z. 2001. Urban forestry education, research and outreach at Southern University. At *Louisiana Urban Forestry Council 2001 Conference. Monroe, LA.*

Thornton, A and Z. Ning 2001. Gulf Coastal plain project: a community assessment. At the *Western Social Sciences Association Annual Meeting, Reno Nevada.*

Thornton, A. and ZH Ning 2001. Projecting social economic and demographic conditions in the Gulf Coastal Plain region. At "*Social Scientists: Facilitating Social, Economic, Business, and Political Changes*", 66th Annual Conference of the Association of Social and Behavioral Scientists, Inc. Savannah, GA.

Ning, Z. 2001. Urban forest ecology research: goal, research plan, management policy, and expected results. Invited speaker at the *Institute of Applied Ecology Research, Chinese Academy of Science, Shenyang, China.*

Ning, Z. 2001 Urban forestry, global change, and research opportunities. Invited speaker at *Ganzhou Mayor's Meeting, China.*

Ning, Z. 2000 Urban forest ecology: current status and future outlook. At the *Institute of Applied Ecology Research, Chinese Academy of Science, Shenyang, China.*

Ning, Z. and K. Abdollahi, 2000. Climate change and urban forestry, at the *Urban Forestry Summer Institute, hosted by the Baton Rouge Green and the USDA Forest Service, Baton Rouge, LA.*

Ning, Z. 2000. US national climate change assessment, invited speaker, *Chinese Academy of Sciences Southern China Botanical Research Institute, P. R. China.*