Session 2: Climate and Integrated Resource Management in Natural and Agricultural Systems
Room: Gjerde Center – Meeting Room 1
Moderator:

10:00  APPLICATION OF FUZZY LOGIC IN LAND-SUITABILITY ASSESSMENT FOR GRAPEVINES. Golnaz Badr and Gerrit Hoogenboom, AgWeatherNet Program, Washington State University – Prosser, Prosser WA

10:20  LIMITED IRRIGATION IN WINTER WHEAT FOR REDUCING AGRICULTURAL WATER USE IN THE NORTHWEST CHINA. Zhen Zheng, Huanjie Cai, Lianyu Yu, Northwest A&F University, Yangling, Shaanxi, China; Gerrit Hoogenboom, Washington State University – Prosser, Prosser, WA

10:40  IMPACTS OF FUTURE CHANGES ON LOW FLOW IN A HIGHLY CONNECTED RIVER-AQUIFER SYSTEM: A CASE STUDY OF THE SPOKANE RIVER AND THE SPOKANE VALLEY-RATHDRUM PRAIRIE AQUIFER. Heather Baxter, Tung Nguyen, Jennifer Adam, Muhammad Barik, Washington State University, Pullman, WA; Michael Barber, University of Utah, Salt Lake City, UT; Akram Hossain, Washington State University – Tri-Cities, Richland, WA

11:00  BENEFIT-COST ANALYSIS OF YAKIMA BASIN INTEGRATED PLAN PROJECTS: AN INTERDISCIPLINARY ANALYSIS OF AN INTEGRATED WATER RESOURCE MANAGEMENT PROPOSAL. Jonathan Yoder, Jennifer Adam, Michael Brady, Stephen Katz, Keyvan Malek, Qingqing Yang, Washington State University, Pullman WA; Joseph Cook, Shane Johnston, University of Washington, Seattle, WA; Daniel Brent, Monash University, ABN Australia