1. **Name:**
   DeBonne N. Wishart

2. **Education:**
   Ph.D., Environmental Science & Environmental Studies, Rutgers University-Newark and Jersey & New Jersey Institute of Technology, 2008
   M.S., Geological Sciences (Hydrogeology), Virginia Tech, 2000
   B.A. (Hons.), Geology & Business Administration (Minor), Rutgers University-Newark, 1997
   D.M.S. Management Studies, University of Technology/JIM School of Advanced Management, Jamaica WI., 1990

3. **Academic experience:**
   Central State University, Tenured Assoc. Professor, Water Resources Management, 2015-Present, full-time
   Ohio State University, Research Scientist/Visiting Scholar, USDA-ARS Soil Drainage Unit Midwest Area, 2017-2018, full-time
   Central State University, Assistant Professor, Water Resources Management, 2010-15, full-time
   State University of New York-Buffalo (SUNY), Lecturer, Hydrogeology & Hydrology & Surface Processes, Dept. of Geology, 2009-2010, full-time
   Illinois Wesleyan University, Visiting Asst. Prof., Dept. of Chemistry, 2008-09, full-time
   Rutgers University-Newark, Geology Instructor, Dept. of Academic Foundations EOF Summer Program, 2002-2008, full-time
   Rutgers University-Newark, Doctoral Fellow, Dept. of Earth and Environmental Sciences, 2007-2008, full-time

4. **Non-Academic Experience:**
   TRC Environmental Corporation-HAZMAT Division, Windsor, CT, Assistant Project Hydrogeologist/Groundwater Modeler, 2000-2001, full-time

5. **Certifications or professional registrations:**
   International Geothermal Association (IGA) #53266942
   Organization for Women in Science for the Developing World (OWSD) #3928

6. **Current memberships in professional organizations:**
   Member, International Association for Promoting Geoethics (IAPG)
   Member (Educator), Global STEM Alliance of New York Academy of Sciences
   Professional Member, Water Management Association of Ohio
   Member, American Geophysical Union-Near-Surface Geophysics (NSG)
   Member, International Association of Hydrological Sciences (IAHS)

7. **Honors and awards (Selected):**
   Society of STEM Women of Color (SSWOC) Honor as a 'Founding Member', 2016
   '2013 Greene County OH, Achiever Award' (Resolution # 14-4-17-21), State of Ohio Office of the Governor and Lt. Governor, 2014

Award for 'Tremendous Success', State of Ohio General Assembly, 2014
Award for 'Outstanding Achievement', State of Ohio General Assembly, 2013

8. **Service activities (Selected):**
Outside Institution
Panelist, NSF Established Program to Stimulate Competitive Research (**EPSCoR**), 2020
Reviewer, Universities Space Research Association-NASA Postdoctoral Program, 18-20
Panelist/Reviewer, NSF SBIR/STTR Phase I, 2018
Reviewer, NASA Postdoctoral Program (NPP), March & July Review Cycle, 2018
Within Institution
Member, Committee on Student Retention, 2020
Member, Search Committee for Water Research/GIS Faculty Position, 2019-2020
Member, AAUP Faculty Grievance Committee, 2017-2019, Chair 2017-2018
Member, Campus Tree Board Committee for Environmentally Sustainability, 2016-2018
Member, Faculty College of Science & Engineering Advancement Committee, 2015

9. **Publications and Presentations (Selected):**
Publications:
1. Allred, B. J., Martinez L., L. Martinez, Rouse, G., Williamson, T., **Wishart, D**., Koganti, T, Freeland, R, Eash, N., Batschelet, A., and Featheringill, R., 2020. Overall results and key findings on the use of UAV Visible True Color, Multispectral, and thermal infrared imagery to map agricultural drainage pipes, *Agr. Water Management*, 232, 106036.
2. Allred, B. J., N. Eash, R. Freeland, L. Martinez, and **D. N. Wishart**; 2020. Agricultural drainage tile surveying using an unmanned aerial system with Real-Time Kinematic Positioning:A Case Study, *Computers and Electronics in Agriculture*,165,10946, 1-8
3. Allred, B., **Wishart, D**., Martinez L., Schromberg, H., Mirsky, S., Meyers, G., Elliott, and Charyton, C., 2018.Delineation of agricultural drainage patterns using ground penetrating radar integrated with a real-time kinematic global navigation satellite system, *Agriculture*, *8*(11), 167. https://doi.org/10.3390/agriculture8110167

Presentations:
1. Wishart, D. N., Allred, B. J., 2019. Spectral and Quantitative Monitoring of Tile-Drainage on Agricultural Watersheds; Session H330 - Remote Sensing Applications for Water Management and Extremes Prediction III Poster # H33O-2236 American Geophysical Union Fall Meeting, December 9-13, 2019, San Francisco, CA. (Poster)
2. Wishart, D. N., Allred, B. J., Martinez, L., 2018. Electrokinetic Response of Drainage Tile Functionality on Agricultural Farmlands; Agricultural Geophysics #419217 American Geophysical Union Fall Meeting, December 10-14, Washington DC.
3. Allred, B. J., Eash, N., Freeland, R., Wishart, D. N., and Thayne, J., 2018; Remote Sensing Based Mapping for Agricultural Subsurface Drainage. Ohio LICA Convention, Columbus, (Oral)

10. **Professional development activities (Selected):**
1. UAV Mapping of Agricultural Watersheds, Becks Farms, London, OH. Aug 28, 2018
2. Agricultural Water Management Systems to Balance Production and Environmental Objectives: Ohio State University Extension and OARDC, Lima, OH, March 12-16, 2018