The Nutrients and Environmental Quality (NEQ) Community is the largest group in ASA with a total of 1,630 members. Eighty-six percent of the members are located in the United States and 14% are spread among 53 other countries around the world. The community brings together research scientists, policymakers, and Extension personnel to develop and promote innovative solutions to understand and prevent nutrient losses from agricultural and urban landscapes. There are many challenges facing the sustainability of agricultural production to meet the growing demand for food, feed, fuel, and fiber. Nutrient loss and water quality degradation issues are some of the most important and widespread challenges in the U.S. and worldwide. A significant example is the hypoxic zone in the Gulf of Mexico as a result of nutrient loss from the Mississippi River watershed. United efforts from government and local agencies as well as the scientific community are needed to tackle such a complex and large-scale problem. The NEQ community facilitates the accumulation and distribution of knowledge and expertise in order to find solutions to the challenging issues.

The NEQ community was established in 2010 (originally named Nutrient Loss Assessment and Prevention) under ASA Environmental Quality Section in an effort to expand the scope of SERA-17 workgroup (https://sera17.org/). The mission of SERA-17 is to develop innovative solutions to minimize phosphorus losses from agriculture. The NEQ community expanded that mission to include both nitrogen and phosphorus. The two groups have historically worked together to organize symposia and topical sessions that are of interest to both organizations at the Annual Meeting of ASA. The community’s programs have evolved to include broad topics on nutrient loss and management, environmental quality and health, and sustainable solutions (e.g., plant cover crop to reduce nitrate leaching).

Our community members are involved in diverse research, education, and implementation activities. At the last Annual Meeting in Phoenix, AZ, our program included a symposium on “Minimizing Phosphorus Losses during the Non-Growing Season” along with two oral sessions.

Benefits of Membership

Your Successful Job Search Starts at careerplacement.org!

Whether you have just graduated or are ready to make a career change, members can count on the ASA, CSSA, and SSSSA Career Placement Center for the support you need. Here are three easy ways to use the member resources found at careerplacement.org/jobseekers.

1. Upload or update your resume (Your Profile) so employers can easily find YOU

   It’s easy and it’s free! Log into careerplacement.org and click Job Seeker. Our user-friendly, professional profile resume system will walk you through the process, enhancing your qualifications to prospective employers as you highlight your education, experience, accomplishments, and more. You may upload up to five searchable documents that highlight your career, including your CV.

2. Visit our Career Learning Center (Resources)

   Access professional development tools from recognized career experts on timely topics such as Creating Powerful Resumes, Networking, Behavioral Interviewing Tips, Writing a Successful Cover Letter, Tips for Salary Negotiations, and more...

3. Search (Jobs) and apply

   With 640 registered employers, you’re sure to find the job you’re looking for! Search for jobs—even receive email notification of new jobs that meet your criteria! Visit careerplacement.org and get started today!