**Chapter Officers:**

President
Beth Hill

President-Elect
Chris Kappes

Past President
Cody Hatzenbuhler

Secretary-Treasurer
Larry Cihacek

Council Representatives
Pam Copenhaver
Naeem Kalwar

**Committee Chairs:**

Awards: Richard Webb
Environmental Education: **
   **Marko Davinic
Historian: Fred Aziz
Legislative: Lance Loken
Membership: Dr. Larry Cihacek
Newsletter: Beth Burdolski
Nominations: Amy Schlepp
Publicity: Cody J. Hatz.
Scholarship: Mark Anderson
Webmaster: Cody J. Hatz.
Student Chapter: Vacant

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*We’re on the web!*

[www.ndswcs.org](http://www.ndswcs.org)
Greetings! My Name is Beth Hill and I’m the New President of the North Dakota Chapter of The Soil and Water Conservation Society. I would like to thank you all for this opportunity to serve you for the next two years as your President.

Resilient is a word that comes to my mind often when I think of our farmers and ranchers. These are some of the strongest people I’ve come to know. They are fighters, tough, and there exists a beautiful community among those who work so hard to feed the world. They face some of the most difficult circumstances imaginable and still they persist. Financial hardships, weather phenomena, disease and unexplainable circumstances. Resiliency is important now more than ever if we are to make it through these difficult times.

As a soil scientist, I have always been a strong advocate for soil health and building resiliency into our soil systems. Whether we have cropland, managing our rangelands, or even tending to a home or community garden, building resiliency into our systems are essential. To build relationships with the soil biota in the rhizosphere. To protect our resources from disasters as big as flooding and drought or as seemingly insignificant as instances of erosion. Building strength into this system allows us to bounce back from the hardships that Mother Nature throws at us, or recover from the practices that our ancestors may have inflicted on the land long ago... or we may have even created not so long ago.

Enough with cultivating the soil and more with cultivating connections within our ecosystems. Let us be “cultivators” of good relationships as well. That’s what I intend to do with you all. Let us cultivate conversation and connection with our consumers. With the public. With our neighbors. And with each other.

Warm Regards,

Beth Hill

Chapter President
Above: North Dakota delegation at the 2019 International Soil and Water Conservation Society Awards Banquet

2019 ND-SWCS CHAPTER AWARDS

PROFESSIONAL AWARD - Marol Berti

BUSINESS STEWARDSHIP AWARD - Derrick Braaten

SERVICE AWARD - Bismarck State College (Agriculture Department)

HORIZON AWARD - Chris Kappes
Above: Chris Kappes, recipient of the 2019 ND Horizon Award

Below: Marko Davinic, accepting the 2019 Service Award on behalf of the BSC Agriculture Department
Rashad Alghamdi was the recipient of the 2019 North Dakota Chapter of the Soil and Water Conservation Society Scholarship at the 2019 NDSWCS Annual Workshop and Meeting in Bismarck, ND on October 9, 2019. The scholarship is awarded annually to a student in a course of study that contributes to the science of natural resource management for sustainability. Rashad is a Ph.D. graduate student working with Dr. Larry Cihacek on nitrogen mineralization dynamics of crop residues in no-till cropping systems.
Did You Miss Our ‘Good Bugs’ Workshop Last Year?

Good news!
The ND Soil and Water Conservation Society, partnered with the Xerces Society, NDSU Extension Service, USDA-NRCS, and the Soil and Water Conservation Districts, will be holding another Good Bugs workshop in 2020!

More details will be shared as they become available!
“Land, then, is not merely soil; it is a fountain of energy flowing through a circuit of soils, plants, and animals.”
- Aldo Leopold, A Sand County Almanac, 1949

The 2019 NDSWCS Annual Meeting and Technical Workshop was held on October 9th at Bismarck State College.

This year’s program was titled "Forage Quality/Management and Nutrition for Cattle Needs", with conservation topics including forage quality, plant comparisons, animal nutrition, and hydrogeomorphology.

Professionals from all across the scope of conservation attended the meeting: researchers, consultants, agronomists, conservation planners, extension staff, soil scientists, educators, and students.

Jeff Hall, professor of Toxicology, Veterinary Diagnostics, and Mineral Nutrition with Utah State University, was our keynote speaker for the technical workshop. His talk on animal nutrition requirements was well received by all attendees.
2019 Annual Conference
Forage Quality/Management & Nutrition for Cattle Needs,

October 9, 2019
Bismarck State College
BPS Career Academy
1221 College Dr
Bismarck, ND 58506

CEU's Credits are Available and Approved

Speakers:

8:30-9:00 AM: Registration
9:00-9:05 AM: Welcome, NDSWCS President: Cody Hatzenbuhler
9:05-10:00 AM: Forage Quality: Chip Poland - Dickinson State University
10:00 am-11am: Plant Comparison: Dale Strickler - Kansas
11:00-11:15 AM: Break
11:15 AM-12:15 PM: Hydrogeomorphology & Electromagnet Survey
Scott Parkin — ND Water Commission
12:15-1:00 PM: Lunch & ND SWCS Awards
1:00-2:30 PM: Animal Nutrition Requirements: Jeff Hall - Utah
2:30-3:15 PM: Cover Crops: Forages from a Rancher View:
Aaron Steckler - St Anthony, ND
3:15-3:30 PM: Break
3:30-4:00 PM: Question Panel for Speakers
4:00-4:15PM: Wrap-up & Evaluations
4:30-5:30 PM: ND-SWCS-Business Meeting

Website for more information: www.ndswcs.org

Question Email == chrisk@agassizseed.com or hatzco2@gmail.com
Roberto Luciano is from Mayaguez, Puerto Rico. He was raised in a small fruit farm in the mountains of Mayaguez. Roberto’s first leanings toward agriculture systems began after watching and helping his dad working in the farm. During college had the opportunity to present lectures and make chemical demonstrations in schools for Science on Wheels Educational Center under the Department of Chemistry.

Roberto graduated as an Agronomist from University of Puerto Rico Mayaguez Campus and entered North Dakota State University in Fargo, ND as a Plant Science graduate student in 2008. During graduate school become familiarized with the agricultural systems in the Northern Plains and some farming issues associate with crop yield reduction. On December 2010 was hired by the USDA Natural Resources Conservation Services in Forman, ND. On January 2011 Roberto started his job as a Soil Conservationist at Forman, ND Field Office. On April 2013 Roberto was hired as a District Conservationist in Garrison, ND. On December 2016 he was selected as an Area Agronomist in Jamestown, ND. Today’s date Roberto serve as the Agronomist Liaison between NRCS and the ARS/Northern Great Plains Research Lab in North Dakota.
Naeem Kalwar serves as the Extension Soil Health Specialist for the Langdon Research Extension Center in Langdon, ND. He is also one of our new Council Representatives for the North Dakota chapter of SWCS. Here is what he had to say about why he joined the SWCS:

“I joined Soil and Water Conservation Society as these natural resources are irreplaceable. Most of us will not knowingly contribute to the degradation of soils or quality water around us, however, unknowingly we may be the cause. I would like the ND chapter to focus on soils and water not just to grow crops but “how healthy soils and quality drinking water can affect our health as well”.

We are excited to have him on board and look forward to seeing the contributions he will make to our chapter and continued work he does in soil health and conservation in North Dakota.
Farming and Ranching for the Bottom Line was held on Feb 25 and 26, 2020. The conference had another full house this year, all excited to hear about topics like the connection between soil and human health, future directions for agriculture, and perspectives from producers, industry, and the banker. Keynote speaker was Fred Provenza, who touched on the linkages between soil, plants, animals, and humans and letting food and feed be our medicine.
SUBSCRIBE TO FLICKERTAIL PLEASE REPLY TO: ELIZABETH.BURDOLSKI@GMAIL.COM

* WEBSITE —> www.ndswcs.org
* FACEBOOK
* GOOGLE+

ARTICLES NEEDED!
Submit to Elizabeth.burdolski@gmail.com

SUBSCRIBE TO FLICKERTAIL PLEASE REPLY TO: ELIZABETH.BURDOLSKI@GMAIL.COM

Check us out on the web!
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