



FERTILIZER CANADA

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Dr. Claudia Wagner-Riddle appointed as Director of the North America regional chapter of the International Nitrogen Initiative (INI)

FOR IMMEDIATE RELEASE

August 21 2020, Ottawa, ON – Dr. Claudia Wagner-Riddle, Editor-in-Chief, Agricultural and Forest Meteorology and Professor, School of Environmental Sciences University of Guelph, has been appointed as Director of the North American regional chapter of the International Nitrogen Initiative (INI). Dr. Wagner-Riddle will be joining the INI North American Chapter with Dr. Peter Groffman, Microbial Ecologist | Ph.D., 1984, the University of Georgia who was appointed Deputy Director. Their appointment was approved by the INI Steering Committee, is honorary in nature and will be valid for three years, starting September 1, 2020.

In this role, Dr. Wagner-Riddle will report on the strategies and developments within her region, providing an internationally coordinated approach to achieve the INI aims.

INI is an international program, set up in 2003 under the sponsorship of the Scientific Committee on Problems of the Environment (SCOPE) and from the International Geosphere-Biosphere Program (IGBP). The key aims of the INI are to:

- optimize nitrogen's beneficial role in sustainable food production, and
- minimize nitrogen's adverse effects on human health and the environment resulting from food and energy production.

The program is currently a sustained partner of [Future Earth](#).

"We are delighted to hear the news of Dr. Wagner-Riddle's appointment as Director of the North America regional chapter of INI, and extend our best wishes to Dr. Groffman as well," said Garth Whyte, President and CEO at Fertilizer Canada. "Dr. Wagner-Riddle creates impacts that extend beyond Canada and enables knowledge transfer and collaborations at an international level."

Over Dr. Wagner-Riddle's research career, she has authored or coauthored over 136 publications in peer-reviewed journals. Her Google Scholar h-index is 36 (29 since 2015). She is lead author on an original article about nitrous



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oxide (N₂O) emissions induced by freeze-thaw cycles, recently published in Nature Geoscience, an international journal with a very high impact factor.

“Having served on advisory committees for several of Dr. Wagner-Riddle’s past graduate students, I can attest to her world-class research expertise in assessing both the beneficial and adverse impacts associated with nitrogen management in agriculture,” said Dr. Tom Bruulsema, Chief Scientist of Plant Nutrition Canada. “I look forward to continued collaboration with her diligent research team.”

During the past six years, she supervised six post-doctoral research associates. Post-doctoral projects included several assessing 4R Nutrient Management practices for their impact on N₂O emission, net greenhouse gas balance, and crop productivity. A large part of her career has contributed to the development of agrometeorological methods relevant to an international application.

"I am honoured to have been selected for this position and I look forward to working with Dr. Groffman and the INI steering committee to advance INI's goals," said Dr. Claudia Wagner-Riddle, Editor-in-Chief, Agricultural and Forest Meteorology and Professor, School of Environmental Sciences University of Guelph. "It is extremely important to have stakeholders such as Fertilizer Canada on board to achieve the goals of improved nitrogen use efficiency and to minimize the impact of nitrogen use on the environment".

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Fertilizer Canada represents manufacturers, wholesale and retail distributors of nitrogen, phosphate, potash and sulphur fertilizers. The fertilizer industry plays an essential role in Canada's economy, contributing \$24 billion annually and over 76,000 jobs. As the unified voice of the Canadian fertilizer industry, Fertilizer Canada works to promote the safe, responsible, and sustainable distribution and use of fertilizer. Please visit fertilizercanada.ca.

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