



Egg Industry Research Chair in Sustainability

Egg Farmers of Canada supports research on current and future issues for the egg industry. We strive to promote innovation and improvement of egg production methods through the latest scientific research.

Sustainability is at the core of successful and enduring food systems that can support future generations.

The Canadian egg industry leverages research to further its understanding of the link between environmental sustainability and egg production, and to help industry develop processes and technologies with environmental and social impacts in mind. To further explore renewable production methods, Egg Farmers of Canada has invested in a Research Chair in Sustainability at the University of British Columbia's Okanagan campus, starting in 2016.

Dr. Nathan Pelletier



Nathan Pelletier is an assistant professor at the University of British Columbia, Okanagan Campus. Cross-appointed to the I.K. Barber School of Arts and Sciences and the Faculty of Management, Dr. Pelletier specializes in analysing the environmental

and social sustainability performance of food and other industrial systems. Recently, Dr. Pelletier undertook environmental and social life cycle analyses for Egg Farmers of Canada, and compared the egg industry's environmental footprint in 1962 vs 2012. He has also conducted research for the American Egg Board, the European Commission Joint Research Centre, and numerous other government and private sector clients.



For more information about Egg Farmers of Canada, or our research chairs program, visit eggfarmers.ca, or contact us at research@eggs.ca.

Research projects

Dr. Pelletier's work at the University of British Columbia includes collecting and analysing supply chain data in order to establish a comprehensive environmental profile of the entire industry. Building on this, Dr. Pelletier will develop a sustainability tool for on-farm use, allowing egg farmers to measure progress directly on their farm. He will also evaluate emerging green technologies, and how they can be scaled up for widespread use across the supply chain. Together, these activities will enable egg farmers and stakeholders to establish sustainable best practices and new technologies.

Research collaborations

As the founder of Global Ecologic, an independent sustainability consulting firm, Dr. Pelletier has worked with a variety of organizations to promote sustainability objectives using environmental life cycle assessment. Currently, working with researchers in both the departments of biology and management, Dr. Pelletier is uniquely positioned to provide insights into the environment, business and technological aspects of the egg industry.

Dr. Pelletier is also working with EFC's other Research Chairs, exploring how environmental impacts are linked to poultry welfare, public policy and economics. Through this research, Dr. Pelletier's work will further Egg Farmers of Canada's commitment to sustainability objectives as farmers across the country produce fresh, high-quality, local eggs while caring for the environment.