

## BioMass Canada Cluster, Project Updates Webinar Series

April 28-June 9, 2022, Thursday 1:00-2:30 EDT

As part of its knowledge translation commitment and due to COVID-19 restrictions to hold in-person seminars and conferences, the BioMass Canada Cluster in collaboration with Biomass and Bioenergy Research Group ([BBRG](#)) at UBC organized a webinar series from December 2020 to March 2021 with the theme “De-risking and commoditizing underutilized biomass resources: Facilitating the evolving Canadian bioeconomy”. The principal investigators of each activity in the BioMass Canada Cluster and their industrial partners presented the progress in their activities and the contribution of their research to the evolving Canadian bioeconomy. The webinar schedules, the list of speakers, their presentations and the recordings of the webinars are available [here](#).

The BioMass Canada Cluster is holding its next webinar series from April 28 to June 9, 2022 to present progress in its activities since the first webinar series. Similar to the previous series, the project leaders and their industrial partners will provide updates on the results and achievements of their activities. Each webinar is scheduled for 1.5 hours covering the updates and progress on two activities. The webinars schedules, presenters, and their presentation titles are provided below. You can also find the link to register for each webinar as well.

April 28, 2022, Thursday 1:00-2:30 EDT

**Activity 8 (Dr. Donald Smith):** Development of biologicals as low input, sustainable production practices for fuel and residue/food production

**Activity 5 (Dr. Animesh Dutta):** Valorization of agricultural and food wastes: a closed-loop circular economy concept to address climate change, biogas production, wastewater management, and soil health

To register, please click [here](#)

May 5, 2022, Thursday 1:00-2:30 EDT

**Activity 2 (Dr. Lope Tabil, Dr. Edmund Mupondwa, Dr. Duncan Cree, and Dr. Tim Dumonceau):** Biomass feedstock for food and energy security in the north: solutions to technical issues, economic feasibility and environmental sustainability

**Activity 5 (Dr. Charles Xu and Dr. Zechun Yuan):** Zero-waste process for conversion of wet greenhouse wastes and agro-forestry residues into recycled water/bioenergy/high-value bioproducts

To register, please click [here](#)

May 19, 2022, Thursday 1:00-2:30 EDT

**Activity 6 (Dr. Kevin Vessey and Dr. Yousef Papadopoulos):** Purpose-grown biomass crops: efficient production, yield modelling and real-world verification

**Activity 7 (Dr. Lining Tian, Dr. Julia Lu and Dr. Kevin Vessey):** Develop a low-cost and high production system for sorghum biomass on marginal lands

To register, please click [here](#)

June 2, 2022, Thursday 1:00-2:30 EDT

**Activity 12 (Dr. Shahab Sokhansanj):** Development of logistics, pretreatment and commercialization of agri-pellets

**Activity 13 (Dr. Shahab Sokhansanj and Dr. Donald Smith):** Integration/optimization of crop residue production, processing & handling

To register, please click [here](#)

June 9, 2022, Thursday 1:00-2:30 EDT

**Activity 4 (Dr. Ajay Dalai):** Biochar production from Canadian lignocellulosic biomass and application for carbon sequestration, soil improvement and crop productivity

**Activity 9 (Dr. Ajay Dalai):** Application of thermo-chemical and hydro-thermal pre-treatments in production of fuel pellets using agricultural wastes

To register, please click [here](#)

**About BioMass Canada Cluster (BMC):** BMC's mandate is to mobilize Canada's agricultural biomass resources for bioenergy and bioproducts production by de-risking and commoditizing agricultural biomass in all regions of Canada, while mitigating and adapting to a changing climate. BMC is led by the BioFuelNet Canada Network and funded in part by the Government of Canada under the Canadian Agricultural Partnership's AgriScience Program, a federal, provincial, territorial initiative, as well as industry partners.

**About Biomass and Bioenergy Research Group (BBRG):** BBRG is a world-class research group, based at the University of British Columbia. The Group conducts advanced research and develops innovative solutions to meet the needs of the emerging biobased businesses in Canada and around the world.