**Current Status of Research Projects**

1. **Project name:** CAJE Manuscript:

**Title**: Spatially Explicit Modeling of Wetland Conservation Costs in Canadian Agricultural Landscapes

**Brief Description**:A spatially explicit wetland conservation cost model to estimate the private economic benefit of wetland drainage in an agricultural landscape in Alberta, Canada.

**Authors:** Asare, Lloyd-Smith, Belcher

**Status:** It has been submitted to CJAE (after two rounds of review).

1. **Project name:** Mata-regression manuscript

**Title**: Valuing Ecosystem Services for Agricultural Wetlands: A systematic review and meta-analysis

**Brief Description**:We developed meta-regression models to identify the main drivers of provisioning (e.g., food, building materials, firewood) and regulating (e.g., carbon sequestration, nutrient recycling, flood control) services on agricultural landscapes and evaluated their usefulness to valuing wetlands on agricultural landscapes.

**Authors:** Asare, Mantyka-Pringle, Belcher, Clark

**Status:** I have sent the final draft to Mantyka to review the conclusion (it will be sent it to the Wetland Journal after the review)

1. **Project name:** Meta-regression Manuscript:

**Title**: Policy application of wetland valuation tool in the Prairie Region of Canada: The case study of Canadian Prairie Habitat Joint Venture landscapes.

**Brief Description**: Developing a Canadian wetland economic valuation model using recent advances in meta-analysis modeling of environmental valuation data and applying it to value wetlands lost between 2001 and 2011 in the Canadian Prairie Habitat Joint Venture landscapes.

**Authors:** Asare, Lloyd-Smith, Belcher

**Status:** Working on the policy application part of the manuscript

1. **Project name:** Choice experiment

**Title**: Agricultural producer land rental preferences

**Brief Description**:Learn about agricultural producers’ operations and land rental preferences.

**Authors:** Asare, Lloyd-Smith, Belcher

**Status:** Working on the summary statistics part of the survey data and comparing it with summaries from the Canadian Agricultural Census.

1. **Project name**: Cost of wetland policies

**Title:** Economic Cost of Wetland Policies in the Canadian Prairies

**Brief Description**: We apply our farm-production model to estimate the economic cost of wetland policies. *This is the opportunity for us to work with the other teams to incorporate social benefits of wetland ecosystem services.*

**Status:** Working on the methodology section. Also, would incorporate human behavior dimensions using information of survey data on producer land rental preferences.

1. **Project name**: Shiny Web App

**Title:** Wetland Valuation Shiny Web App

**Brief Description**: Provide a platform for producers to estimate the value of wetlands on their lands based on farm characteristics and farm level economic information.

**Status:** Modifying code to estimate value of wetlands at the farm level.