COASTAL FARMING CHALLENGES
FLOODING, SALT, & LAND LOSS

Getting on the same page—where do you see land changes?

Workshop 1 • December 17, 2020

AGENDA

Workshop link: https://umd.zoom.us/j/9403411894?pwd=MnB1OElIMjZlRU4zL0c1aE9jcE1nUT09

8:30 a.m.–9:00 a.m.	Workshop Open *Join early if you would like to troubleshoot any technical issues.*
9:00 a.m.–9:15 a.m.	**Welcome** Taryn Sudol, *Maryland Sea Grant* *Overview of project goals and meeting layout*
9:15 a.m.–9:35 a.m.	**Introductions** Break out groups of 6-7 people *We will ask everyone to share their name, affiliation, type of farm and/or woodlot, and what observations of flooding, salt, and land loss you have seen on your farm and/or woodlot.*
9:35 a.m.–9:55 a.m.	**Flooding, Salt, and Land Loss Overview** Dr. Kate Tully, *University of Maryland* *An overview of sea level rise, saltwater intrusion, observed farmland impacts, and possible land management strategies.*
9:55 a.m.–10:25 a.m.	**Questions and Next Steps** Break out groups of 6-7 people *We will give everyone an opportunity to ask questions regarding Dr. Tully's presentation and give input on topics that you would like to see covered in the future workshops.*
10:25 a.m.–10:30 a.m.	**Closing** Taryn Sudol, *Maryland Sea Grant* *Wrap up of the workshop and summary of next steps.*

SPEAKER BIOGRAPHY

KATE TULLY
University of Maryland

Kate Tully is an assistant professor of agroecology in the Department of Plant Science and Landscape Architecture. Her research assesses the sustainability of food production systems by examining their effects on interactions among plants, soils, carbon, nutrient, and water cycles. Her work in the Mid-Atlantic examines how to balance farm productivity and ecosystem services. Along with collaborators at the United States Department of Agriculture (USDA), she studies how cover crops can promote efficient on-farm nutrient cycling, sequester carbon, and improve water quality. On the lower Eastern Shore of the Chesapeake Bay, she is researching how saltwater intrusion (the landward movement of saltwater from the ocean) is increasing the potential for large pulses of nutrient release from cultivated lands - with devastating consequences for both agriculture and the environment.

Kate is the community coordinator of the Columbia Heights Green, a quarter-acre urban farm in northwest Washington, DC. The Columbia Heights Green promotes a new model of urban agriculture. There are no individual beds. Everyone can garden; everyone can harvest fresh produce. With her partners at Washington Parks and People, the Columbia Heights Green was recently awarded a $50k grant from the USDA to become one the first Community Harvest Hubs in the nation's capital.

She comes to the University of Maryland from Columbia University's Earth Institute and the Agriculture and Food Security Center. Her research at Columbia took her to Kenya and Tanzania where she studied the effects of increased fertilizer application in smallholder farming systems. Her research focuses on improving yields and minimizing environmental harm, and is producing some of the first data on environmental impacts necessary for developing sustainable agriculture strategies in this understudied region of the world. Kate is bringing her innovative and integrative research to the State of Maryland to help support agricultural systems that can provide both food and ecosystem services to the region.