**Partner Role Description**

Tree Planting Prioritization Project

Partner: Maggie Morin, Community Forest Corps member hosted by Trust for Public Land

Project Goal

To develop an online tool to share data, highlight stories, catalyze conversations and guide decision-making around tree planting in the Twin Cities metro in order to tackle challenges facing our communities such as heat, poor air quality, localized flooding and climate change. Potential audiences and users of the tool include forestry practitioners, urban planners, policy-makers, community groups and residents. Such a tool could clearly show the problem we face, the threat and the solutions. It will demonstrate the connection, both through spatial data and stories, between trees and the health of our communities. The tool could help forestry practitioners prioritize where to plant trees in order to maximize community benefits and help decision-makers understand the need and urgency.

Role Description

Maggie’s role on this project will be to add much needed capacity to development of the narrative component of the online mapping tool. Data and maps only go so far to tell the story, especially given that we hope to attract a wide-range of users to this online tool with varying levels of knowledge and varying levels of interest in playing with the data. The narrative component will help highlight key connections between tree canopy, heat, air quality, flooding, health, vulnerable populations and equity for communities facing historic and present discrimination. These connections should be made using scientific literature or well-researched summaries of the science as provided by government agencies or non-profit groups. Stories from communities also show these connections so we want to include 1-2 stories from community groups or residents about the challenges they experience or opportunities they see. An exciting but challenging part of this role will be to help keep the narrative succinct by highlighting key messages and making suggestions about what to include and what not to include in the final narrative. It may be helpful to look at the narrative sections from similar projects to determine what worked well or could be improved, see section below.

Deliverables

* Bibliography of key scientific studies or summaries of the science from government agencies and non-profit groups showing connections between tree canopy, heat, air quality, flooding, health, vulnerable populations and equity for groups facing historic and present discrimination
* Key points and messages found through your research
* Stories written up from 1-2 community groups about the challenges and opportunities they observe in their community around tree planting and the connections between trees and heat, air quality, health, flooding, equity and justice. Stories should be succinct but capture overarching message, key details that make the story real and a few key quotes. Marya can help identify which community groups to work with. Frogtown Green is a likely candidate.

Timeline

Our estimate and goal is for this work to take a maximum of 10 hours per week starting in late March going through May with a specific end date to be determined. It is critical for this work to not interfere with Maggie’s other roles and tasks as well as not interfere with unique opportunities such as fieldwork as the weather warms.

Ongoing Assessment

It will be important to assess progress, feasibility and timeline along the way. As the project moves forward, Maggie or Marya will likely have insights about how to alter or improve Maggie’s role, the deliverables or the timeline. Maggie and Marya will meet for 30mins each week to stay in touch on the project and make adjustments as needed. Any significant changes to Maggie’s role, the deliverables or timeline should be agreed to by Maggie, Marya, Hannah and Eric.

Examples of Similar Projects

TNC Bridgeport, CT Story Map: [http://tnc.maps.arcgis.com/apps/MapJournal/index.html?appid=4912af1e58394129be9f7a895a755c66#](https://protect-us.mimecast.com/s/mw5uCjRgB2sPGpB7UYyfTT?domain=gcc02.safelinks.protection.outlook.com)

TNC Chicago Story Map:

[https://storymaps.arcgis.com/stories/696655807ab54c2881f7b57aa145c717](https://protect-us.mimecast.com/s/5HPMCkRjg5s1XmKMfyiDCT?domain=gcc02.safelinks.protection.outlook.com)

Met CouncilExtreme Heat Map Tool - [https://metrocouncil.maps.arcgis.com/apps/webappviewer/index.html?id=fd0956de60c547ea9dea736f35b3b57e](https://protect-us.mimecast.com/s/S6R6CmZ0kwcDPEgmcEk6Y6?domain=gcc02.safelinks.protection.outlook.com).

Met Council Extreme Heat Story Map - [https://metrocouncil.maps.arcgis.com/apps/MapJournal/index.html?appid=7d9cdd3929e9439bb5b25aa1186d5783](https://protect-us.mimecast.com/s/xBRiCn5mlZij3MPJT1N_C9?domain=gcc02.safelinks.protection.outlook.com).

Hennepin County Tree Planting prioritization –

<https://gis-hennepin.opendata.arcgis.com/pages/tree-planting>

\*Interested in using Hennepin County model as starting place for data analysis to show priority areas for tree planting across Twin Cities metro