Application for BotanicGarden

BotanicGarden is a dataset for robot navigation in natural environments which is unstructured special scenarios. BotanicGarden can provide data assistance for research in autonomous robots, Sensor Odometry (SO), Simultaneous Localization and Mapping (SLAM), computer vision, deep learning, and so on. Before you download this dataset, we need to record a little personal information.

First Name: Middle Name: Family Name:

College / Academic Institute:

Job title: Supervisor Name:

E-mail address(must use your edu, college or academic research institute address):

Supervisor E-mail:

*Other E-mails such as .qq, .gmail, . commercial company, etc., we will not reply.*

Please fill in the specific data you are requesting and check the box

Specific requested data:

Reason of application:

Due to the potential political and geographical sensitivities, the usage of the data is restricted to academic purposes only. Reproduction of the data is permitted only upon request. Redistribution of the data is not allowed.

Signature:

Application Time(day/month/year):

Notice:

1.We appreciate any efforts made to refine and update the provided image semantic annotations. If you have made valuable changes, we encourage you to contribute them to our repository, as it will provide additional benefits to the society.

2.When publishing results or articles using our data, it is essential to protect individual privacy. If necessary, please ensure that any visible faces are appropriately blurred or masked to maintain the confidentiality of personal identities.

3. Kindly acknowledge the use of this data by citing the following paper: Y. Liu et al., "BotanicGarden: A High-Quality Dataset for Robot Navigation in Unstructured Natural Environments," IEEE Robot. Automat. Lett., vol. 9, no. 3, pp. 2798-2805, Mar. 2024.

4.For questions about the dataset please contact lyzrose@sjtu.edu.cn (Dr. Yuanzhi Liu), if you are interested in our work and would like to join our Team/Lab please contact lyzrose@sjtu.edu.cn and taowei@sjtu.edu.cn (Prof. Wei Tao).