**Dataset information**

• Estimates of plastic concentrations, water hyacinth coverage and plastic transport rates over the Saigon river, Vietnam, between December 2020 and January 2022.

• The dataset is comprised of the data collected over Unmanned Aerial Vehicle (UAV) images [‘UAV images data’ sheet] and the plastic transport data [‘Plastic transport data’ sheet]. The UAV images data shows the metrics used for quantifying water hyacinth abundance and plastic concentrations for all collected UAV images. UAV images for which no plastic nor water hyacinth were detected are also part of the dataset. The raw UAV images can be accessed at: <https://data.4tu.nl/articles/dataset/Drone_images_over_the_Saigon_river__Hyacinth_Plastic_patches/21648152/1>.

The plastic transport data shows the daily plastic transport rates measured at the same site, using the visual counting technique. More information can be found in the associated publication.

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**Methodological information**

All measurements were taken over the Saigon river, Vietnam, at 10◦53′24.9"N, 106◦41′31.5′′E. More information on the measurement protocols and data processing steps is available at the associated publication: <https://www.sciencedirect.com/science/article/pii/S0269749124008327?via%3Dihub>.

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