



Dataset for the research development presented in the paper:

"Delayed Monocular SLAM Approach Applied to Unmanned Aerial Vehicles" (published in PlosOne journal, reference paper: pending of acceptance)

For any inquire please contact authors at:

- Dr. Rodrigo Munguia "rodrigo munguia'at'upc.edu"
- Mr. Sarquis Urzua "isi.sarquis'at'gmail.com"
- Dr. Antoni Grau "antoni.grau'at'upc.edu"

This dataset contains all the data collected during the experiments as mentioned in the referenced paper. Data can be downloaded in order to reproduce the results.

Data are classified as:

- 1. Readme (file descriptions) (txt file)
- 2. Data from sensors (GPS, Barometer and Ultrasonic range finder) (ZIP file, size 3.88KB)
- 3. Images from on-board down camera (ZIP file, 677 images, size 42.8MB)
- 4. P4P flight trajectory (pseudo ground-truth) (ZIP file, size 9.42KB)

Dr. Rodrigo Munguia and Mr. Sarquis Urzua are with the Department of Computer Science, CUCEI, University of Guadalajara,

Guadalajara, Mexico.

Dr. Antoni Grau is with the Automatic Control Dept, Technical University of Catalonia, Barcelona.

This research has been carried out at the University of Guadalajara, Mexico, designed, implemented and supervised by authors.

IMPORTANT NOTE: If the data and documentation that you are free to download from this website is useful in your research, please be so kind to cite this Plos One paper in your technical documents (journal papers, PhD dissertation, conference papers, reports...)

Last update: October 6th, 2016

1 de 1 14/10/2016 14:05