

GNSS Data Processing for High-Accuracy Positioning using Low-Cost Receiver Systems

Online training program jointly organized by
Center for Spatial Information Science (CSIS) and International Committee on GNSS (ICG)

Date: 19 – 21 JANUARY 2021

This training program focuses on hands-on practices. After the training, the participants will be able to process GNSS Data for high-accuracy

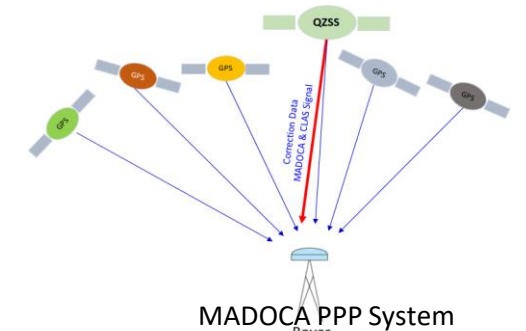
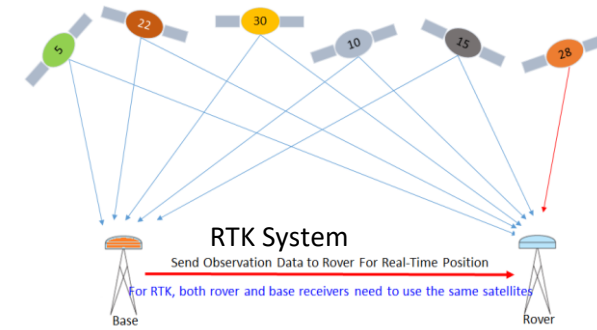
- Use RTK and MADOCA PPP software to process GNSS data
- Use Low-Cost Receiver system data

Other Highlights:

- Learning and using RTKLIB, RTKDROID, MADROID and MAD-WIN software
- Understanding GNSS data types, GNSS errors, coordinate systems and applications
- Use of Android devices to log GNSS data for high-accuracy

Training Schedule

- Day 1: 19 JANUARY
 - Lectures: GNSS Introduction and Applications
 - GNSS Accuracy, Errors, Coordinate Systems
 - Sample Data, Data Processing Software
- Day 2: 20 JANUARY
 - GNSS Data Logging and Processing for RTK and MDOCA-PPP
 - Software: RTKLIB, RTKDROID, MADROID, MAD-WIN
- Day 3: 21 JANUARY
 - GNSS Data Processing by the Participants
 - Presentation of Data Analysis Results and Reports



Training Application Link:

[GNSS Data Processing for High-Accuracy Positioning using Low-Cost Receiver Systems \(office.com\)](https://office.com)

Application Deadline: 5th JANUARY 2021

Prerequisites : Knowledge of basic GNSS. If GNSS is new for you, please visit our past webinars and training materials and videos at :

<https://home.csis.u-tokyo.ac.jp/~dinesh/WEBINAR.htm>

2018: <https://www.unoosa.org/oosa/en/ourwork/icg/activities/2018/ait-gnss.html>

2019: <https://www.unoosa.org/oosa/en/ourwork/icg/activities/2019/ait2019-gnss.html>

2020: <https://www.unoosa.org/oosa/en/ourwork/icg/activities/2020/ait2020-gnss.html>

Number of participants will be limited to 250 persons.

The training will be conducted **online from 06:00 – 11:00 UTC**

CSIS and ICG reserve all rights for the selection of participants.



How to get centimeter level accuracy ?

