

The Coordinated Canyon Experiment (CCE) was conducted in Monterey Canyon, off the coast of Central California, during an 18-month period, between October 2015 and April 2017.

The CCE focused on a 50-kilometer stretch of the upper canyon, from depths of 200 to 1,850 meters. Fifteen turbidity currents were detected and documented.

The CCE utilized instruments mounted on moorings above the seafloor and deployed on the seafloor. The moorings depths were approximately: MS-0: 30 m, MS-1: 290m, MS-2: 530m, MS-3: 830m, MS-4: 1290m, MS-5: 1450m, MS-6: 1830m, MS-7: 1850m. A McLane profiler was at MS-6. A seafloor instrument node (SIN) was at 1840m. Benthic event detectors (BEDs), which are devices that record their own motion, were placed on the seafloor between 208 and 516 m water depths.

All moorings and the SIN were deployed for 3 consecutive periods of 6 months, with the data downloaded at the end of each deployment. An acoustic monitoring transponder (AMT) on a >800 Kg tripod was deployed over two 6-months periods covering the winter months.

High resolution bathymetric maps were collected 6 times at two sites (CCE Shallow - 200-500 m and CCE Deep - 1350-1880 m) in the study reach.

Precise information about each data file is found in this spreadsheet:

[MBCCE\\_DataReportFiles-WEB.xlsx](#).

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More information about CCE can be found here:

<https://www.mbari.org/science/seafloor-processes/geological-changes/coordinated-canyon-experiment-datareport-main-page/>