



Interpretations of biogeochemical processes from the US JGOFS Bermuda and Hawaii time-series sites. From humble beginnings and modest vision, the Hawaii and Bermuda time-series stations have proven to be among the most visible and important accomplishments of the Joint Global Ocean Flux Study (JGOFS) era. These stations have provided unique views of seasonal to decadal scale variability in biogeochemical processes. They have contributed to fundamental changes to the basic paradigms of the ocean biogeochemistry and have helped shape what is now referred to as interdisciplinary oceanography. The JGOFS time-series programs have provided an important social change for how marine scientists collaborate, share data and ideas. Most importantly, these stations are now set to endure beyond JGOFS, as these scientific values become important components of the next generation of biogeochemical research hypotheses and projects. The two US stations, the Bermuda Atlantic Time-Series Study (BATS) and the Hawaii Ocean Time-Series (HOT) both commenced sampling in late 1988, and over the ensuing 12 years, have created unparalleled datasets. This volume is the second special issue to focus on the US JGOFS time-series stations. It includes recent results that, like the first volume (Deep-Sea Research II, 43(2-3)), cover a full range of disciplines and scientific questions. These contributions build upon both the core time-series and the many ancillary investigations. As these time-series grow longer, the types of questions that can be addressed also expand. With a decade of data, interannual time-scales become more tractable and we get our first glimpses of the exciting new understanding and altered paradigms that await on the decade time-scale. Core data from the time-series programs are now and have been since their initiation available via <http://hahana.soest.hawaii.edu/hot/hot.html> for HOT and <http://www.bbsr.edu/cintoo/bats/bats.html> for BATS. This volume includes a CD-ROM with many ancillary data sets that we hope will further expand the utility of the time-series data sets. The types of ancillary data included on the CD-ROM span satellite to microscopy imagery.

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