

CPUT Post-Doctoral Fellowship in Oceans Accounting

The Cape Peninsula University of Technology's Research Chair: Oceans Economy and the CPUT Centre for Sustainable Oceans are seeking a suitably qualified candidate for an exciting fully funded, post-doctoral fellowship in novel ocean accounting. The recently established Global Ocean Accounts Partnership have over the last year developed a technical documentation outlining a structured ocean accounts framework (see www.oceanaccounts.org) which integrates established and novel accounting systems. These include spatially based ecosystem accounts, environmental - economic accounting, ocean satellite accounts, novel social and risk accounts, governance accounts and summary wealth accounts. Spatial layers, statistics and indicators of marine and coastal environments, ecosystem and abiotic services, and related social and economic activities arising from these are integrated as either physical or monetarised accounts within identified temporal and spatial domains. A particular advantage of the framework is that while each of the component accounts interlink and in some cases overlap, the component accounts can be addressed individually.

The Global Ocean Accounts Partnership has identified the need for the testing of the framework with respect to identified uses of oceans accounts including a) the development of evidence-based information for consideration by decision-makers, b) the development of national or regional data inventories, c) a measurement of social inclusiveness and access to economic sectors, d) the development of evidence based information for master planning, spatial planning, infrastructure planning or scenario planning and cost-benefit trade-offs analyses; e) a measurement of sustainability and an associated paradigm shift in the management of ocean commons use; and f) the strengthening of National Statistical Systems with respect to the oceans. With this aim, the CPUT Research Chair: Oceans Economy is seeking to appoint a post-doctoral research fellow to investigate the applicability of the oceans accounts framework in the multiple environmental, social and economic uses of Table Bay.

Candidates interested in applying for this fellowship should contact Prof Ken Findlay at findlayk@cput.ac.za for further information by Friday 24 December, 2020.