Suggestions to **SOEST**: (1) increase enrollment in areas of UH strength and State need, including **Dept. Earth Sciences** undergraduate and **Oceanography** graduate degrees.

All SOEST programs are part of UH strengths and State needs, and increasing enrollment is a SOEST-wide goal. In response, SOEST faculty have established a task force focused on SOEST-wide student recruitment and retention, with an eye on diversity, equity and inclusion. Also:

**Department of Ocean and Resources Engineering** (M.S., Ph.D.) is collaborating with Coll. Engineering on an Ocean Engineering track within the recently approved BS in Engineering Science. U/grad teaching lab space being addressed with UH Space Cmte.

**Department of Oceanography** is pursuing ABET accreditation for its successful BS in Global Environmental Science.

**Department of Atmospheric Sciences** has considered and, with Dept. Oceanography, decided not to pursue a joint BS degree in Atmospheric & Ocean Sciences. This has not proven successful when tried elsewhere. Instead, newly diversified faculty, peer-to-peer u/grad mentoring, new 4+1 BS + MS program, and updated hard/software to replicate the NWS forecast office environment, should increase enrollment.
Suggestions to **SOEST**: (2) have more of our top researchers in the classroom. We have a research-intensive Instructional as well as Research faculty. TT faculty teach virtually all our courses (only one quarter-time lecturer). Not suggested, but also being developed:

**Marine Biology graduate degree** (joint with CNS): very successful, permanent status. New core curriculum being developed this academic year, with support of 5 **HIMB** research faculty hired over the last two years with formal 25% instructional FTE.

**Hawaii Inst. Geophysics and Planetology** is partnering with Mechanical Engineering on an **Aerospace Engineering concentration within ME**, that incorporates HIGP’s 4 cross-listed Earth and Planetary Exploration Technology (15 credit Certificate) courses, towards eventually standing up a joint **Aerospace Engineering BS** degree.

The Center for Microbiome Analysis through Island Knowledge and Investigation (**C-MĀIKI**) and the Hawai‘i Data Science Institute (**HDSI**) are partnering to develop an interdisciplinary **graduate program in microbiome science and bioinformatics**, fields at the forefront of biology and data science. The program will break the silos that stifle scientific innovation by transcending individual university units & incorporating faculty across UHM Schools & Colleges.