



CSRC Executive Committee Teleconference

Meeting Minutes – **FINAL APPROVED 8/23/23**

July 26, (Wednesday) 2023, 9:00 AM

<u>VOTING MEMBERS</u>	<u>PRESENT</u>	
Chancellor UCSD: Dr. John Orcutt	yes	
Director IGPP: Dr. Peter Shearer		no
Director CSRC: Dr. Yehuda Bock	yes	
Chairperson: (Vacant)		
Vice-Chairperson: Humberto Gallegos	yes	
Secretary: Timothy McKinney		no
Treasurer: Rich Maher		no
Member: Steve Martin		no
Member: Kevin Maxwell		no
Member: Taleah Quemada		no
Member: Pat Tami	yes	
Past Chairperson: Kimberley Holtz		no
<i>QUORUM? (6 of 12)</i>		NO
<u>NON-VOTING MEMBERS</u>		
NGS Advisor: Dana Caccamise	yes	
Coordinator: Maria Turingan	yes	
Executive Mgr: Greg Helmer	yes	
CA Geodetic Crd.: Scott Martin		no
Social Media Manager: Adrian Aguirre	yes	

Roll Call

- See the attendance table; no quorum at the meeting.

Approval of June 2023 Minutes

- No quorum to approve the meetings minutes.

Standing Reports

Director's Report and Executive Manager Report

- Yehuda and Greg spoke about:
 - 1) Scripps Institution of Oceanography's membership in GEO-ESCON and the upcoming 2024 proposal deadline (Scripps did not apply for 2024 funding). Dr. Jamin Greebaum at Scripps submitted a proposal for 2023 and it was selected for funding (to start August 2023). While there is no direct funding for CSRC, the membership and selected project benefits CSRC and the Scripps geodesy program.
 - 2) In response to NOAA NOS NGS's Geospatial Modeling Grant funding opportunity, the proposal NSRS Intra-Frame Deformation Model and New SIO Geodesy Program was selected for funding at \$1.3M/year for five years, to start October 2023.
 - Greg would like the CSRC Executive Committee to review the scope of work and contribute to the implementation of the project.
 - The proposal will support teaching and conducting research using geodesy and five graduate students (who must be US citizens or on the path to citizenship). NGS supports improving marine and terrestrial geoids, but did not fund the originally proposed fieldwork. NGS will fund a graduate student to conduct research on remote sensing data and addressing the vertical issue. This project creates a powerful connection with NGS.
 - Dana suggested that Yehuda ask Colin about submitting the unfunded research and fieldwork in a white paper for consideration for funding by other federal agencies. NGS, NGA, NASA, and NSF have an interagency agreement that allows for proposed research reviewed by one federal agency to be funded by another federal agency through a contract. There are avenues of funding within GEO-ESCON-NGA, and with the end of the fiscal year approaching, there may be pockets of money available.
 - Dana added that it may be possible for NGS to assign him as the lead on this project.
 - Online and undergraduate instruction: there may be opportunities for online and undergraduate instruction especially because a goal of the project is NGA employee education.
 - 3) Caltrans Service Agreement for CSRC/SOPAC to establish a new statewide geodetic datum and to provide geodetic services is planned for August/September 2023 to July/August 2025.
 - 4) Caltrans Research Project: Statewide 3-Dimensional Motion Analysis for Optimal CTSRN Performance and Geospatial Data Management. The research project proposed by Yehuda and Kevin was selected for funding, planned for February 2024 to January 2025.

- 5) Psomas subcontract, with DWR as the prime agency, started August 2023 (August 2, 2023 to August 1, 2025). CSRC/SOPAC will provide assistance and consultation with data streaming, data management and MgViz. Psomas subcontracted VerQuin to construct cGNSS stations.
- Yehuda discussed two funded NASA grants:
 - 1) NASA 5-year project, Geodesy-based Enhanced Solid Earth Science ESDR System (ESESES) for Research and Discovery, to start October 1, 2023, which funds SOPAC's research work, provides the basis for SECTOR and CSRC, and provides funds to leverage CSRC/SOPAC staff salaries.
 - 2) NASA 2-year project with a possibility of funding for a third year: Detection of transients in geodetic data using machine learning.
 - These NASA and NGS awards and the contracts with Caltrans and Psomas bring a good funding horizon for CSRC for several years. Although in the short-term, we're facing a funding gap until the awards and contracts start in October.
 - CRTN and a working on a version of the dynamic datum: Yehuda asked for help testing the system, connecting and providing feedback. Yehuda needs to know about how the data collectors reads and applies the data streams and RTCM messages and the epoch date coordinates. Chris Pearson (now works for Trimble) may be a good person to talk to. The monthly CTSRN steering committee meeting will be a good place to get feedback from users.

CA Geodetic Coordinator Report (Martin)

- Scott was absent due to the quarterly Caltrans Board Meeting.

New Business

- Social Media: Adrian and Kevin lead the CSRC social media campaigns. Humberto may have a student who can help with creating videos.
- Fall CSRC CC Meeting: proposed dates 10/26 or 11/2 and possible location (Fresno State and PG&E San Ramon). Please suggest speakers.
- Next Executive Committee Meeting date: August 23 (generally 4th Wednesday of the month 9 AM).

Adjournment at 10 AM