



## **SEAOSC Steel Committee Charges**

### **SEAOSC Steel Committee Mission**

The Steel Committee Mission is to achieve the following goals as objectively as possible while assuring all activities to be free of conflict(s) of interest:

- Provide a forum for the exchange, consideration, and discussion of ideas and proposals related to steel structures that are relevant to the membership and the steel industry.
- Address steel performance issues in the seismic design and construction of steel structures in regions of high seismicity.
- Advocate & disseminate research, contribute technical advice regarding performance of steel structures and assist in the development of codes and standards.
- Improve performance of steel structures and/or reduce cost of ownership (COE) of steel structures for the predetermined performance objectives, building codes and standards by assimilating current and past research and developing actionable information regarding design/assessment concepts for use by practicing structural engineers.

### **SEAOSC Steel Committee Membership Criteria**

- Recruit members to participate and engage in the work of the Steel Committee
- Plan or organize seminars or training sessions focused on steel structures
- Stay current on the latest developments in steel design, research, and construction methods
- Review and disseminate information about recent steel standards and technical documents
- Coordinate/support the activities of the SEAOC, SEAONC, SEAOSD and other related industry or jurisdictional partners on relevant topics or concerns related to steel structures
- Assist SEAOSC with creating content for the newsletter

### **Continue pending work on the following:**

- Evaluate energy based design and assessment procedures, FEMA 440 procedures which include fracture mechanism of joints and design criteria ground motions caused by thrust faulting and soft soil conditions
- Evaluate the performance of concentric braced frames including out-of-plane drift effects
- Evaluate triaxiality, size and strain rate effects
- Participate in local ICC chapters such as the LA Basin Chapter's Structural Code Committee to assist with code development related to steel structures

### **SEAOSC Steel Committee Charges for Current Year**

- Reach out to steel industry groups and local jurisdictions requesting representatives to participate in the committee activities
- Develop recommendations for the use of steel frames in Type V Construction and revisions/clarifications to the LADBS Soft Story Information Bulletin.
- Develop recommendation for the use of steel frames in seismic strengthening of non-ductile concrete buildings
- Develop recommendation for the structural analysis of intermodal shipping containers repurposed as building modules or structural building components
- Time permitting, continue pending work