

**Session ID:** EVO-1

**Title**

ADVANCES TOWARDS FUNCTIONAL RECOVERY BASED DESIGN

**Convenors**

M. Koliou <sup>1</sup>, A. Liel <sup>2</sup>

**Description**

Major earthquakes in the recent decades have indicated that the current seismic design and retrofit codes are required to consider performance objectives that not only ensure life safety but also account for the recovery of buildings' function while minimizing downtime. Towards that direction, there is increasing interest from society, policy makers and engineers in building codes and standards that go beyond life safety to ensure post disaster function, or ensure functional recovery.

This technical session will bring together researchers from various countries and continents as well as academic and practice background to discuss advances in functional recovery assessment of building and lifelines. Topics related to new building designs, retrofit of existing buildings as well as impact of lifelines on overall building functional recovery and further community resilience will be presented and findings will be highlighted.

**Invited Speakers**

A. Barbosa <sup>3</sup>, B. Stojadinovic <sup>4</sup>, C. Molina Hutt <sup>5</sup>, D. Cook <sup>6</sup>, C. Davis <sup>7</sup>, V. Terzic <sup>8</sup>, S. Sattar <sup>6</sup>

**Affiliations**

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