

USC CENTER FOR GEOTHERMAL STUDIES (CGS)
DISTINGUISHED SPEAKER PROGRAM (DSP)

Presents

**Developing an Integrated Exploration
Assessment for Geothermal Systems**

By

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ABSTRACT:

The presentation focuses on the key geoscience components for an integrated exploration assessment for geothermal systems. It discusses different exploration classification systems, the geoscience required to understand and eventually exploit a viable geothermal system, the role exploration in active exploration, development and production activities, the primary risk in geothermal exploration and how this risk can be reduced. It uses the work conducted on “*Developing Calibrated Enhanced Geothermal System (EGS) Exploration Methodologies using the Dixie valley Geothermal System as a Laboratory Test Site*” as case history. While the case study was focused on EGS virtually all the work conducted is also applicable to hydrothermal systems.

BIO:

Mr. Joe Iovenitti is an independent consulting geologist with 37 years of experience in applied geoscience. He has expertise in geothermal energy, both hydrothermal and Enhanced Geothermal Systems; environmental investigation and remediation; water resources; and the development and commercialization of innovative technologies. He has conducted geothermal programs throughout the western United States and Hawaii; Indonesia, Philippines; American Samoa; Turkey, Guatemala and Honduras. He received his B.S. from City College of New York and his M.S. from New Mexico Institute of Mining and Technology



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