

# Stanford

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## Richard Sassoon

Executive Director Strategic Energy Alliance, Precourt Institute for Energy

### Bio

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#### BIO

Richard E. Sassoon is the Executive Director of the Strategic Energy Alliance under the Precourt Institute for Energy at Stanford. Prior to this role, he was the Managing Director of the Global Climate and Energy Project (GCEP) at Stanford since November 2003. Dr. Sassoon has over 30 years of research and management experience in the fields of physical and analytical chemistry, as well as energy sciences.

Prior to joining Stanford, Dr. Sassoon was Senior Scientist and Assistant Vice President at Science Applications International Corporation (SAIC), where he led systems integration efforts for nanotechnology applications. For many years, he was a contractor to the Department of Energy supporting the strategic planning and management of its environmental programs, and its hydrogen and renewable energy activities.

Dr. Sassoon spent over a decade conducting research into photochemical solar energy conversion and storage systems, performing computer modeling of the catalytic processes involved in hydrogen production, and investigating technologies for cleanup of nuclear waste.

Dr. Sassoon received his B.Sc. in Chemistry from Leeds University in the UK, and his Ph.D. in Physical Chemistry from the Hebrew University of Jerusalem in Israel. He conducted his post-doctoral activities at the University of Notre Dame. Dr. Sassoon has authored over 20 research papers in peer-reviewed journals, has received several awards including the Gabriel Stein award for outstanding research during his Ph.D. studies.

### Publications

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#### PUBLICATIONS

- **Wireless energy transfer with the presence of metallic planes** *APPLIED PHYSICS LETTERS*  
Yu, X., Sandhu, S., Beiker, S., Sassoon, R., Fan, S.  
2011; 99 (21)