

Solar Power and Renewable Energy Solutions in Buildings

Accredited Course Numbers: AIA 515SOL/USGBC 0920018814

Who should attend?

This two hour seminar is designed for architectural students, and architecture/design professionals who are interested in sustainable and net-zero design and infrastructure.

Topics:

- Energy and the environment
- Decarbonization of Buildings
- The solar resource and its applications
- Benefits of Net-Zero Buildings
- Geothermal HVAC comfort systems
- Case Studies



Speaker Bio:

Jean-Pierre Cléjan (JP) designs and installs solar and geothermal ground-source heat pump systems in the lower Tri-State area to reduce the carbon footprint and operating costs of commercial and residential construction projects. J-P enjoys working with design professionals, developing zero energy or near-zero energy buildings. He received his Bachelor of Science in Engineering and Applied Science degree from the California Institute of Technology.

A few of JP's projects include:

1. Chabra Sands Point by Stuart Narofsky FAIA – winner of AIA Long Island Residential Sustainable Design Award (solar power, geothermal HVAC, green roof)
2. Bottle Bargains Fort Salonga by Notaro+Grupp Architects – winner of AIA Long Island Commercial Sustainable Design Award, all-electric near zero energy retail (solar power, geothermal HVAC, efficient envelope)

April 30th, 2020

Farmingdale State College, Roosevelt Hall: Room 111

7:00 PM to 9:00 PM

2 hours of Professional Development Hours Offered

If you have any questions please contact Zachary Licht at: rescgreen@farmingdale.edu or: (934) 420-5720