

## Theme

Achieving sustainable development in the world undoubtedly revolves around the proper use of energy. However, under the current economic situation, the more energy one needs, the more pollution is likely to happen. This foregoing is simply because of the world's reliance on fossil fuels as opposed to renewable energy sources.

The limited supplies, uneven distribution, and rising costs of fossil fuels, such as oil and gas, create a need to change to more sustainable energy sources in the foreseeable future. Energy security has become one of the leading issues in the world today as oil and other resources have become as vital to the world's people. However with oil production rates decreasing and oil production peak nearing the world has come to protect what resources we have left in the world. With new advancements in renewable resources less pressure has been put on companies that produce the world's oil, these resources are, geothermal, solar power, wind power and hydro-electric.

## **Objectives**

Original contributions and review papers based on theoretical research, simulation, experimental work, design, development, testing and measurement are solicited for presentation at SOLARIS 2019. Only the accepted papers will be published in the Conference Proceedings. The scope of the conference includes, but is not limited to, the following topics:

1. Solar radiation modeling, day lighting, solar thermal and photo voltaic systems
2. Sustenance of renewable energy resources (invited speakers)
3. Correlation between industrial growth and climate (invited speakers)