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PSF

Space Ecoliteracy and Sky Watch: SEL SW  
10 Week FREE Orientation Program 2020  
Syllabus, Activities and Evaluation

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Week # 07 of 10

Time : 120 Minutes spread over one week

01 Sep to 08 Sep20

Duration : Seven Days

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Subject : Tunnel Effect by Ecological Engineering

Focus : Closed Cycles Open Societies 2020

Two Page Background note enclosed

Topics :

- Ecological Engineering
- International Environmental Technology Centre IETC UN
- International Ecological Engineering Society

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References online

[www.closedcycles2020.org](http://www.closedcycles2020.org)

<https://www.unenvironment.org/ietc/>

[www.iees.ch](http://www.iees.ch)

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Evaluation:

Assignments to reach e-mail [jagsiobbindia@gmail.com](mailto:jagsiobbindia@gmail.com) on or before 08<sup>th</sup> 2020 after 120 minutes work in a week. The inputs on any one on the topics in ANY OF LANGUAGE/CREATIVE FORMATS mentioned below

- (1) Note (100 words max)
- (2) Audio (120 Seconds)
- (3) Poem/Jingle (10 Lines)
- (4) Paint ( A4 Size)
- (5) A Photo of your quest in space
- (6) Write-up on your dream in space such as to dance on Saturn Rings

Weekly Evaluation:

10 Marks Max :

Attitude, Awareness, Knowledge, Skill and Participation : 2 Marks Each

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Vision :

Ecological engineering emerged as a new idea in the early 1960s, but its definition has taken several decades to refine, its implementation is still undergoing adjustment, and its broader recognition as a new paradigm is relatively recent. Ecological engineering was introduced by **Howard Odum** and others[2] as utilizing **natural energy** sources as the predominant input to manipulate and control environmental systems. The origins of ecological engineering are in Odum's work with ecological modeling and ecosystem simulation to capture holistic macro-patterns of energy and material flows affecting the efficient use of resources.

Source : Wikipida

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The International Environmental Technology Centres vision is for countries to implement sustainable solutions to environmental challenges, with focus on holistic waste management. :

Source : UN IETC

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Agenda

Eco Sense is Cost Free and is a Real Heritage and Culture of a Sustainable Society.