

**THE USE OF GOETHEAN SCIENCE ON THE BASIS OF CONTEMPLATIVE  
EDUCATION TO DEVELOP THE NATURE CONNECTION PROCESS**

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**ABSTRACT**

The objectives are to develop a nature connection process by the use of Goethean Science on the basis of Contemplative Education and to study the results concerning worldview, attitude and behaviour towards nature and environment of the participants who participate in the nature connection process. This is an action research that involves deducing Goethean Science concepts into the experience-based learning activities. The achievement can be assessed by participant's reflections, in-depth interviews, after action reviews by facilitator team, consumer's behaviour assessment form and nature relatedness scale. The results are then analysed and the process is modified accordingly then applied the modified process to a different group of participants. The results revealed that the participants have changed their worldview, attitude and behaviour towards nature and environment. The participants were able to connect with nature as could be seen by emotions such as happiness, joyfulness and awe expression of intuitively getting an answer for a question that was always longing for. These results highlighted the established psychological benefits, as well as spiritual revelation, of natural environments. The results also revealed that the participants have the feeling that plants are as alive as animals and hence have an attachment and affection towards the plants. The key factor was Goethe's scientific methods that enabled the participants to perceive the duality and, with judgement awareness, gradually interweave the self to the world and finally the intuition was emerged. The components that are the key success of the process include: Goethe's delicate empiricism, Goethean Science-based contents, nature-based location, continuity, facilitator's authenticity, contemplation and confrontation. Moreover, there are other components that are the natural outgrowth from the process, namely community, compassion and commitment. It can be clearly seen that these components are basically the basis in the learning process for transformation or Contemplative Education's 7C.

**KEY WORDS: GOETHEAN SCIENCE / CONTEMPLATIVE EDUCATION / NATURE CONNECTION / ACTION RESEARCH**

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