

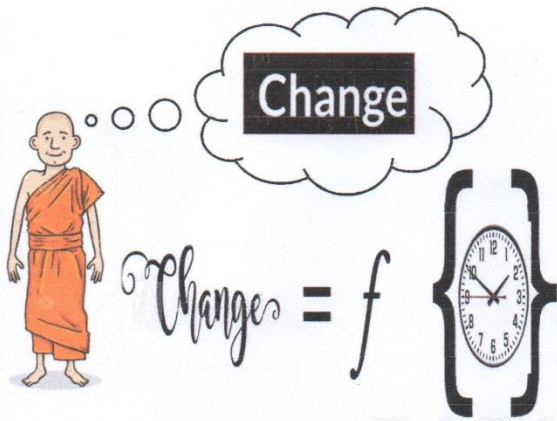
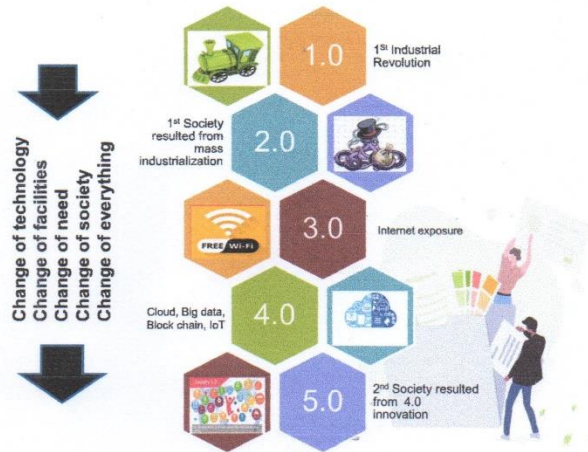
KEYNOTE SPEAKER 1

***Eco-Sociological and Eco-Literacy Change in the
Upcoming Society 5.0***

Puguh Karyanto, Ph.D.

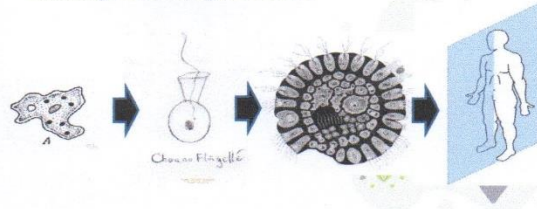
ECO-SOCIOLOGICAL AND ECO-LITERACY CHANGE IN THE UPCOMING SOCIETY 5.0

PUGUH KARYANTO



TREND IN EVOLUTIONARY CHANGE

From irregularly to regularly
 From Simple to Complex
 From Radiata into Bilateria. Bilateral forms: addressing a challenge of making a 'balance'



WHAT SHOULD TO LEARN ?

آلَا تَطْعَمُونَ فِي الْمِيزَانِ ۞



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WHEN A CHANGE MUST BE HAPPENED WHAT THEN THAT MUST BE CONSERVED.....

VALUE

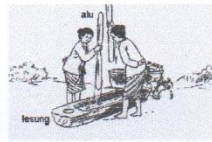
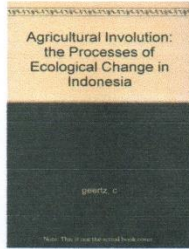
BALANCE

The regard that something is held to deserve, the importance, worth or usefulness of something a person's principles or standards of behavior; one's judgment of what is important in life.

a condition in which different elements are equal or in the correct proportions.



VALUE IN THE PAST



Share the poverty

Somehow to accommodate the availability of labor in traditional agriculture

BALANCE IN THE PAST



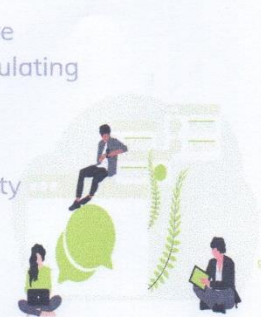
Many forms of ecologically-balanced farming system

Multiple cropping system addressing the challenge of proposition in community ecology: 'diversity-stability'

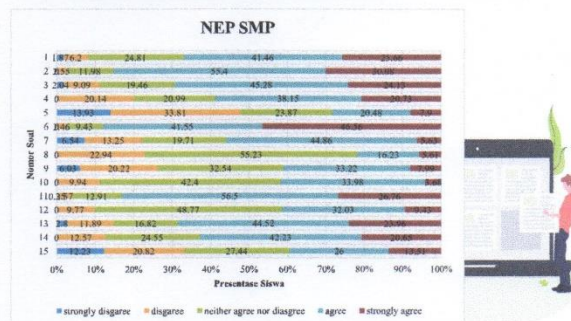


Balance and wisdom are needed as spirit in formulating a new 'VALUE'

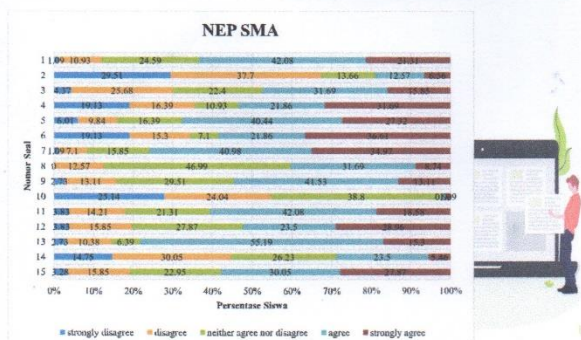
From individual to society



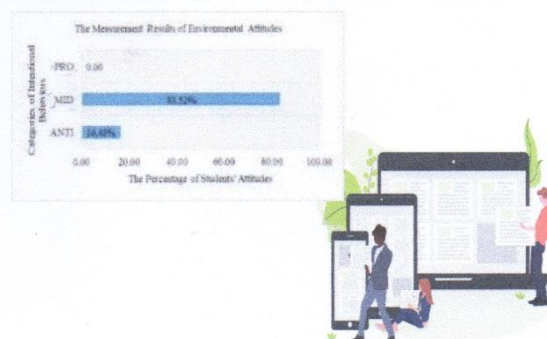
A PORTRAIT OF VALUE: RESULTS OF THE NEW ECOLOGICAL PARADIGM (NEP) QUESTIONNAIRE



A PORTRAIT OF VALUE: RESULTS OF THE NEW ECOLOGICAL PARADIGM (NEP) QUESTIONNAIRE



A PORTRAIT OF VALUE: RESULTS OF THE NEW ECOLOGICAL PARADIGM (NEP) QUESTIONNAIRE





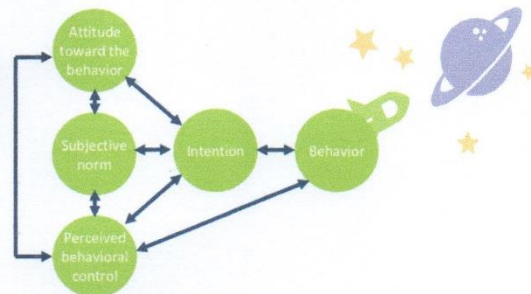
Low to Moderate level of eco-literacy (the Attitude)

The above level of attitude may in turn resulting many ways of injudicious environmentally friendly action and behaviour and,

Low sensitivity in conserving the nature

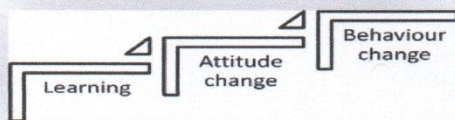


THEORIZING BEHAVIOUR AND SOCIAL CHANGE: THE THEORY OF PLANNED BEHAVIOUR

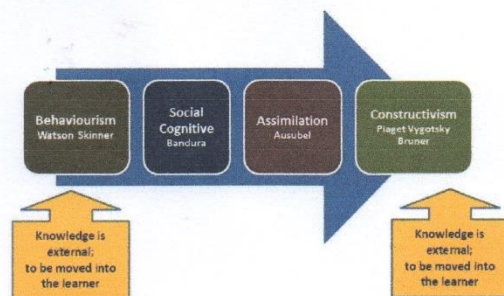


International Conference on Persuasive Technology
 PERSUASIVE 2018: Persuasive Technology pp 184-199 | [cite as](#)
Might We Learn from Learning?
 Authors: Sandra Burri Gram-Hansen

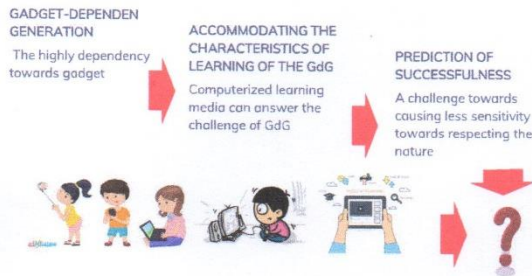
• Learning is the process of changing behaviour in a positive direction.
 Rogers, C.R. (1951). *On Becoming a Person*. Boston: Houghton Mifflin.



MEANINGFUL LEARNING



INDUSTRIAL REVOLUTION 4.0 LEADING TO SOCIETY 5.0: A PREDICTION OF ENVIRONMENTALLY FRIENDLY BEHAVIOR



COMPUTERIZE-DEPENDENT GENERATION DOES COMPUTERIZED-BASED TEACHING AND LEARNING HELPS IN RASING THE EFFECTIVITY?

ECO Augmented Reality Card
 Developed by Rizki A. Sambodo, Bakara A. Prayogo, Pughah Karyanto
 Magister pendidikan Sains, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sebelas Maret Surakarta

Effective AND Sensitive



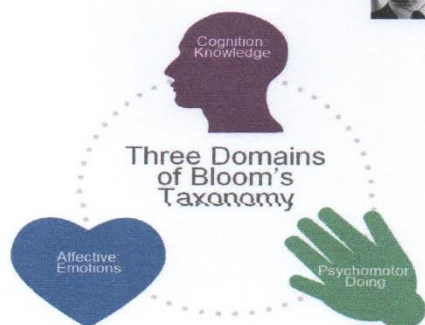
RANAH BELAJAR KI HADJAR DEWANTARA

(2 Mei 1889-26 April 1959)



BLOOM'S TAXONOMY OF LEARNING

(21 February 1913-13 September 1999)



WHAT SHOULD TO BE DONE

- Enhancing personal sensitivity
- Building a more contextual teaching and learning rather than accommodating the GdG characteristics



WHAT SHOULD TO BE DONE

- Sharpening the awareness and non virtual relationship
- THEN.....accommodating the GdG characteristics

