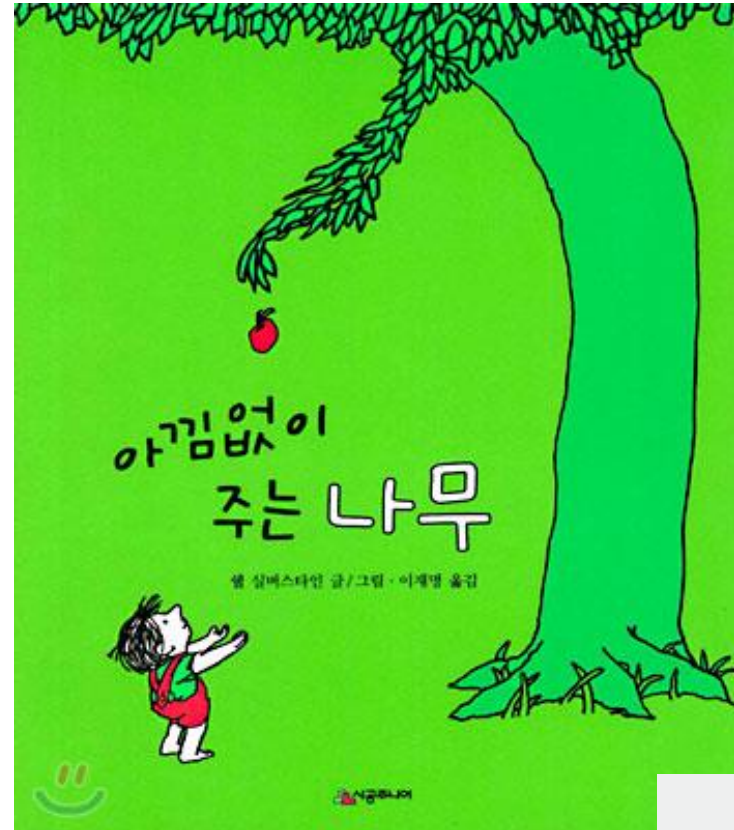
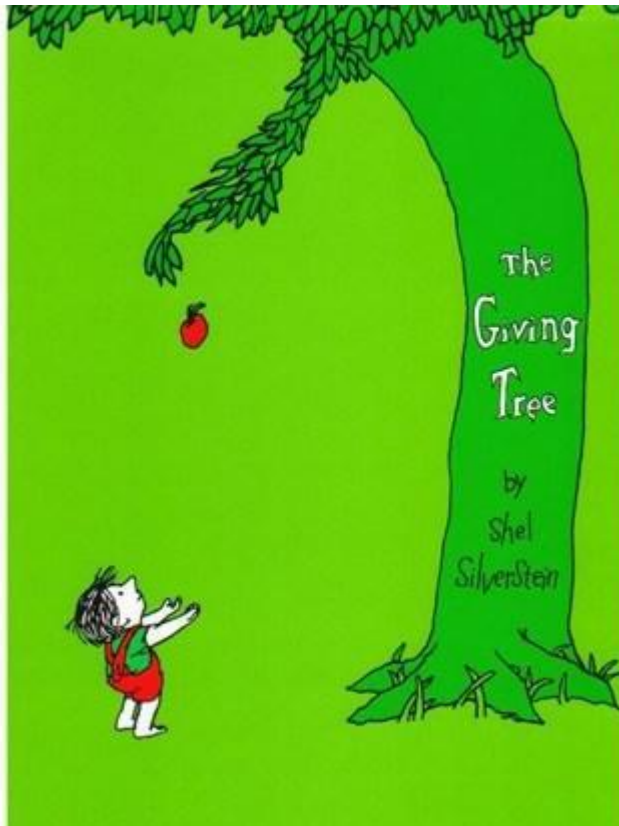


# The 'Unsparingly' Giving Tree: Climate Change and Biodiversity



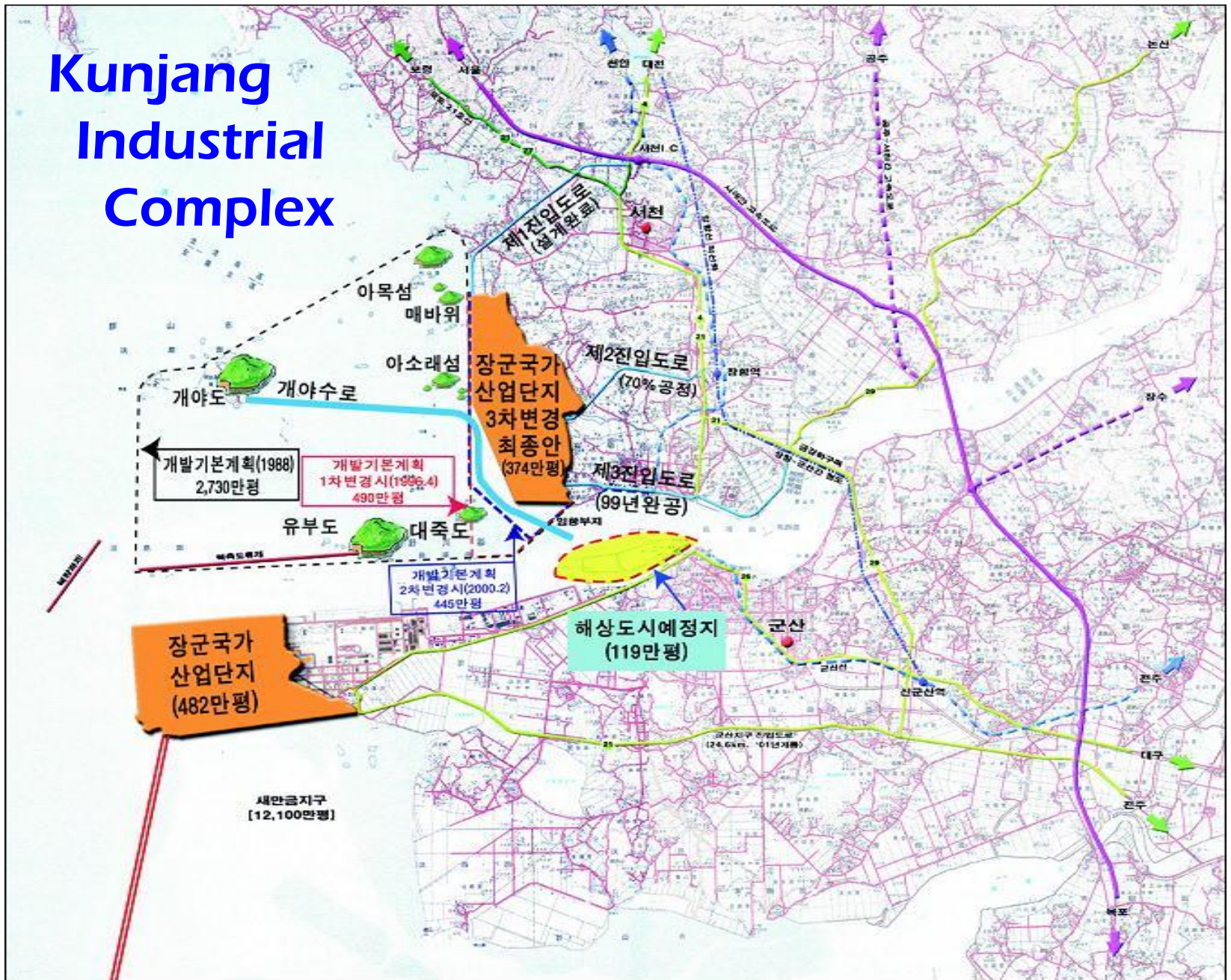
Jae Chun CHOE  
Ewha EcoScience  
Biodiversity Foundation



국립생태원  
National Institute of Ecology  
(Designed in 2008 and launched in 2013)



# Kunjang Industrial Complex





**Kunsan**

# Roh Moo-hyun



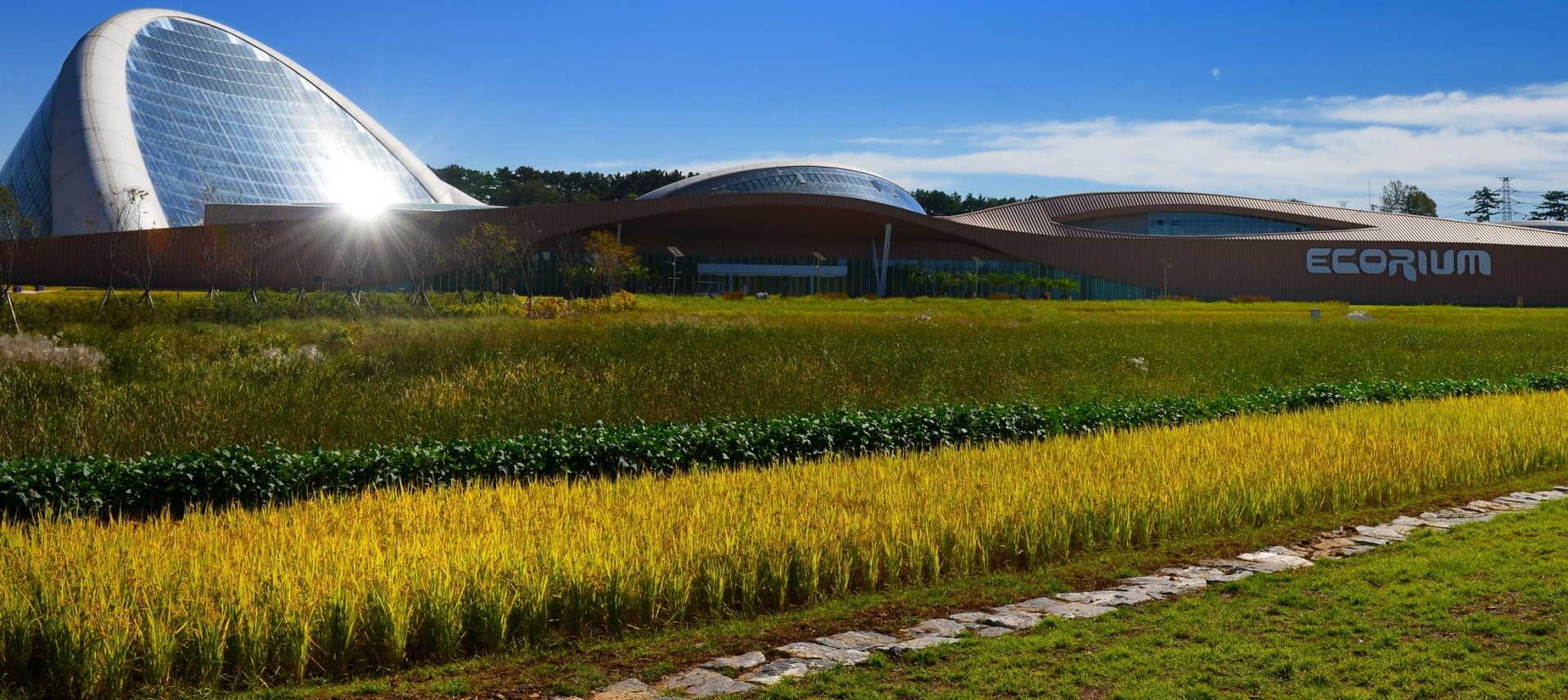
# Seocheon-Janghang



Kunsan

# Mission

**NIE wishes to contribute to a sustainable future by conservation and promote a positive eco-culture based on global ecological research.**



# 핵심가치(Core value)

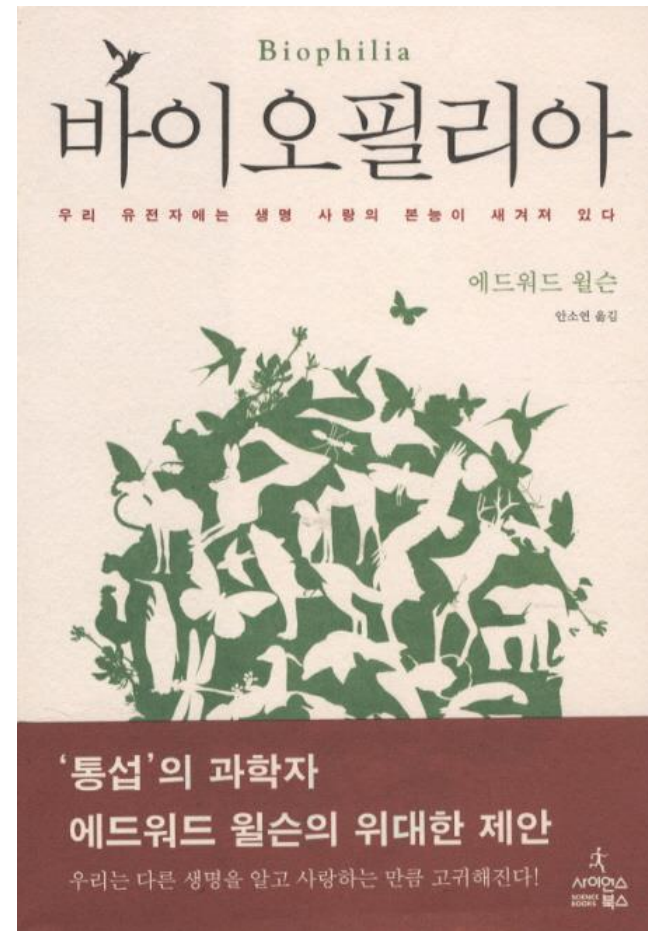
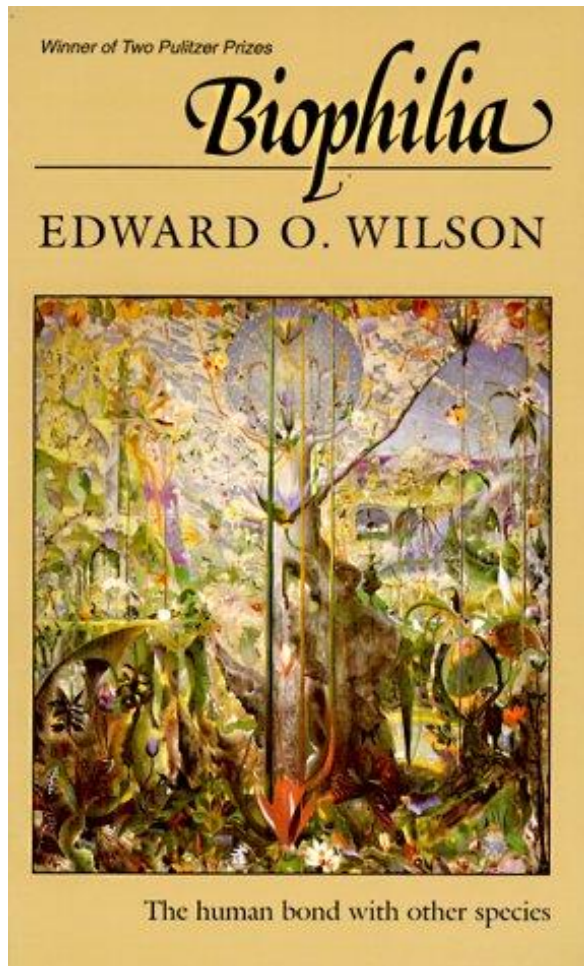


**Biophilia, Diversity, Emergence, Smart**



# Biophilia

## 생명 사랑



핵심가치(Core value)



**Biophilia, Diversity, Emergence, Smart**

**“As Gregor Samsa awoke one morning  
from uneasy dreams he found himself  
transformed in his bed into a gigantic insect.”**

**[The Metamorphosis by Franz Kafka]**





**Banana plantation**

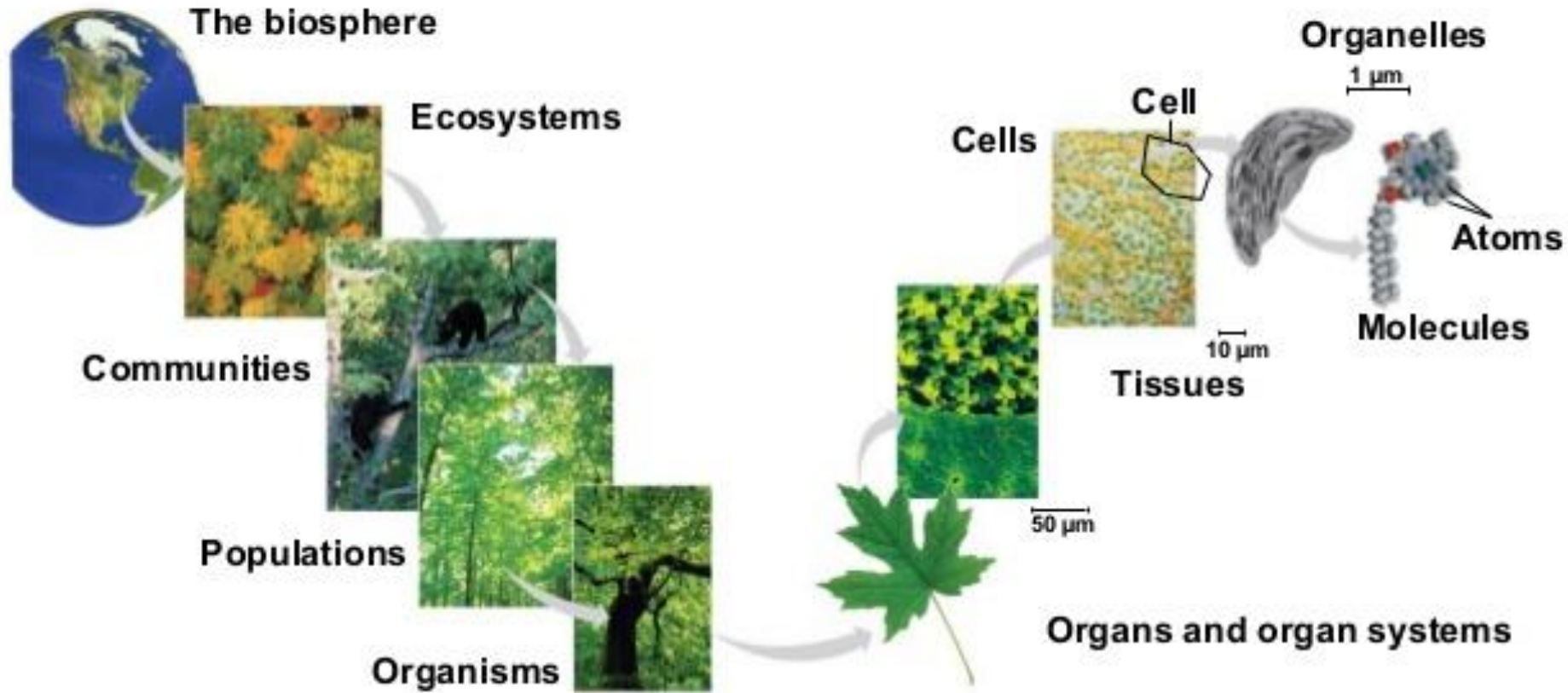


# 핵심가치(Core value)

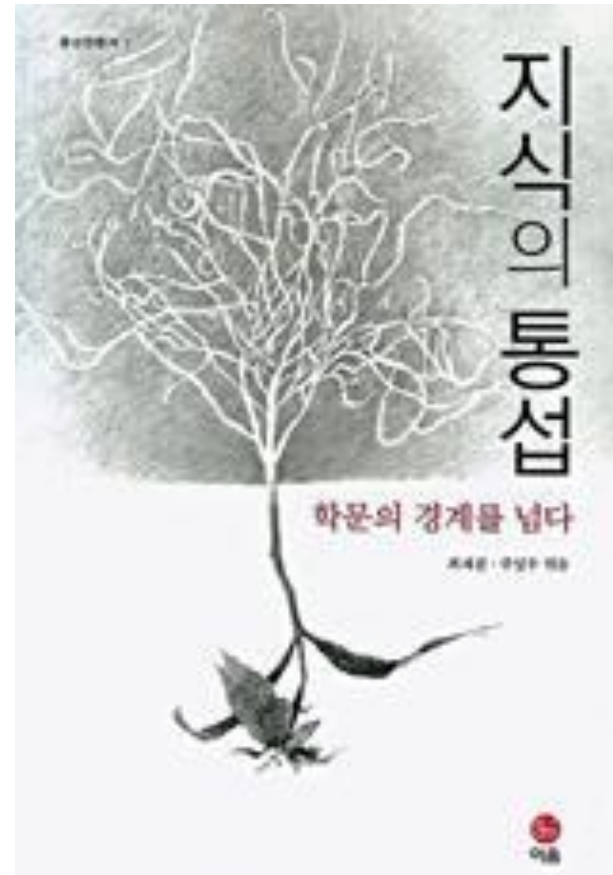
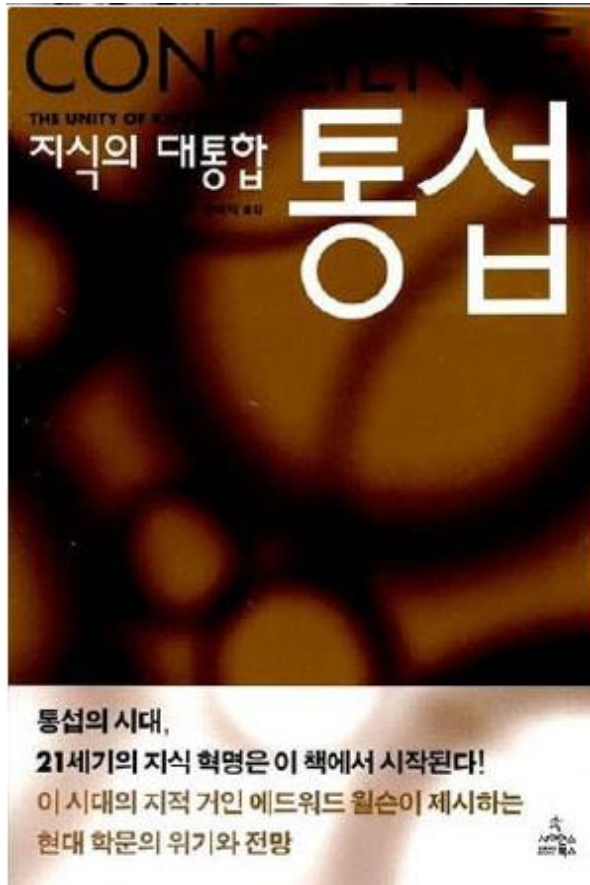


**Biophilia, Diversity, Emergence, Smart**

$$1 + 1 > 2$$



# Consilience 통섭(統攝)





# 핵심가치(Core value)



**Biophilia, Diversity, Emergence, Smart**



VIA 9GAG.COM

# Life

of modern people



**“We go to work to this place everyday”**



# 개미세계탐험전

**Nearly a million visitors a year in 2014 & 2015**





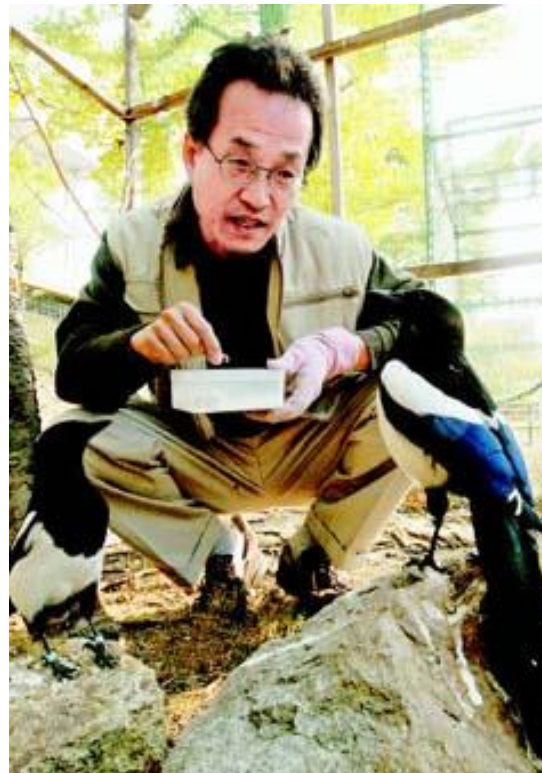
**Over two hundred new restaurants are in business in Seocheon since the opening of NIE in 2013**

# I study the evolution of behavior.

Javan Gibbon (2006~)



Magpies (1996~)



Insects (1979~)




# Working with futurologists


Imagination  
**Odyssey**  
변화를 포착하는 미래 통찰력

**상상오디세이**

888 서울디자인비즈니스우육과 미래인생계영원




박원



**10년후세상**  
개인의 삶과 사회를 바꿀 33가지 미래상

중앙일보 중앙SUNDAY 미래탐사팀 지음

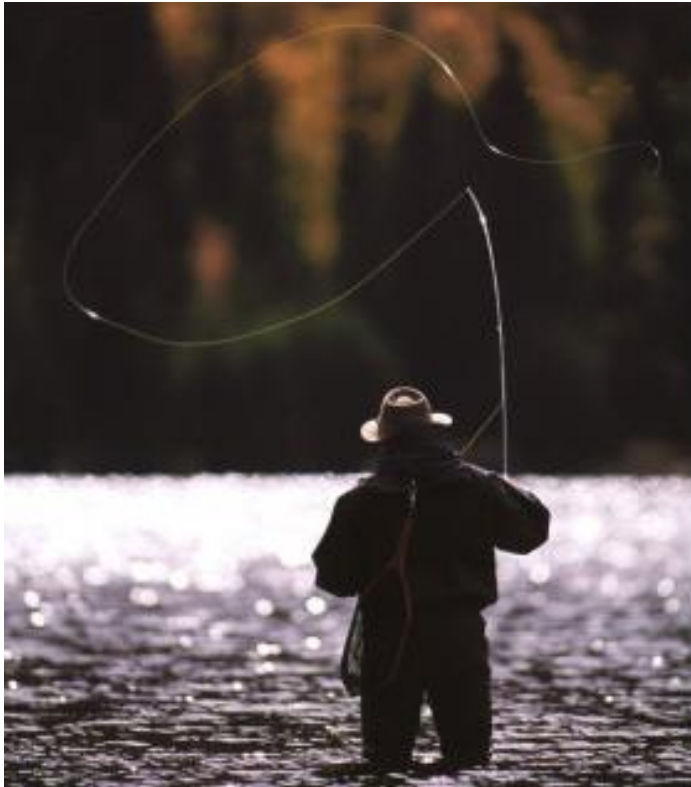


최재천, 정재승, 전상인, 김동욱...  
한국의 석학들이 내일의 한국 사회를 진단한다!

“앞으로 우리의 세상은 어떤 모습일까?  
한국 그리고 당신의 인생과 비즈니스는 어떻게 바뀔까?”



## What is VISION?



***“FORESIGHT  
with INSIGHT  
based on  
HINDSIGHT”***

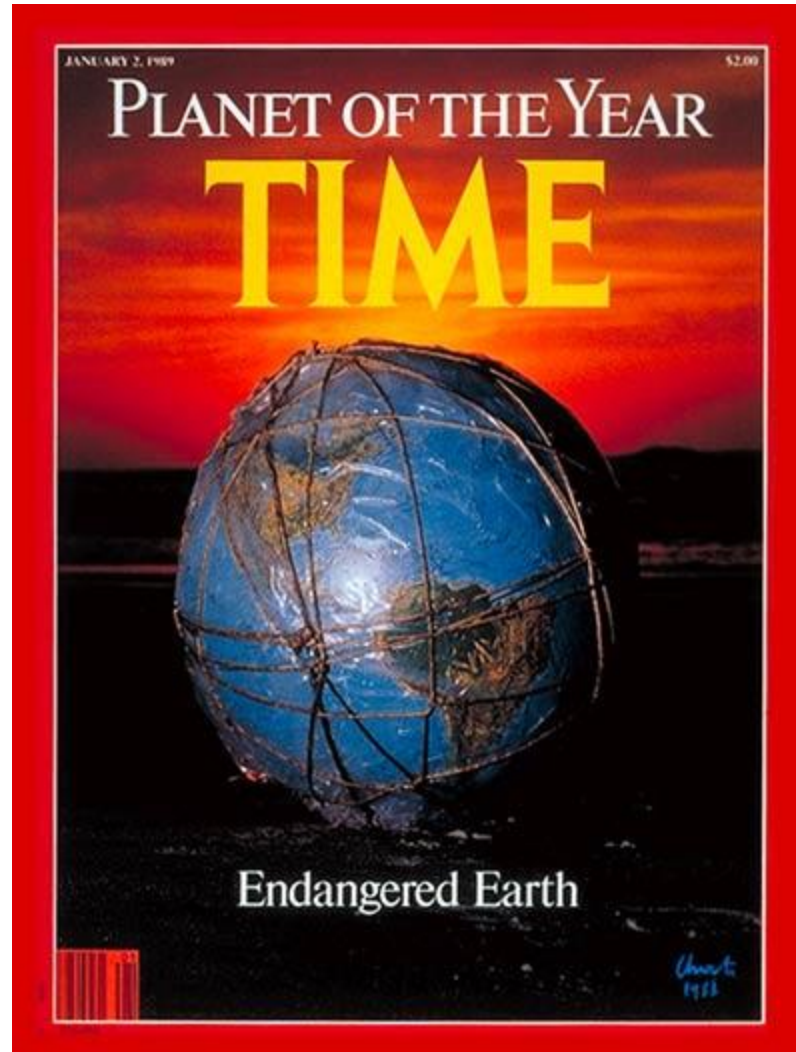
– Pastor Myles Munroe –

Trend  
2020

## Socio-cultural trends

- The Age of Ageing (고령화)
- The Age of Women (여성)
- The Age of Climate Change (기후변화)
- The Age of Resource Depletion (자원고갈)
- The Age of Mixing (혼화 混和)
- The Age of Creativity and Innovation (창의와 혁신)

# 1988: Planet of the Year



**Climate change**



Trend  
2020

## Socio-cultural trends

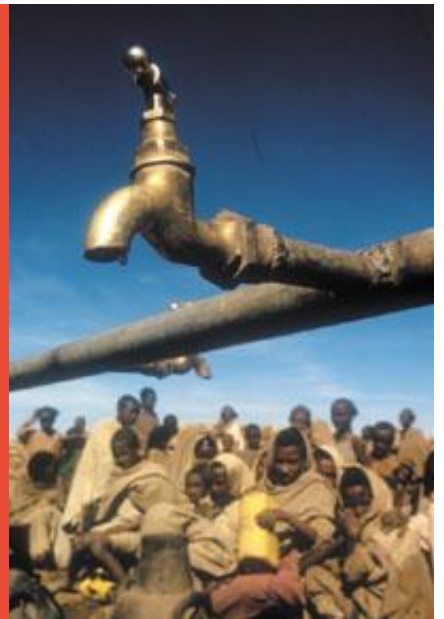
- The Age of Ageing (고령화)
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- The Age of Climate Change (기후변화)
- **The Age of Resource Depletion (자원고갈)**
- The Age of Mixing (혼화 混和)
- The Age of Creativity and Innovation  
(창의와 혁신)

The 21<sup>st</sup>  
century

## The Age of Resource Depletion



**FEW** (**F**ood **E**nergy **W**ater)



# Biodiversity conservation







# **Biodiversity matters!**



**Nature can not and will not give us unsparingly forever.**

