

UNDERPING A COMPREHENSIVE METHOD IN MOULDING THE FUTURE EARTH

Keynote



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THREATS AND CHALLENGES TO EARTH



THREATS AND CHALLENGES TO EARTH

COSMOLOGICAL

- | | |
|---|--|
| <ul style="list-style-type: none">• Random events• Glaciation• Obliquity• Geodynamics• Continental drift• Introversion• Extroversion• Solidification of the outer core | <ul style="list-style-type: none">• Solar evolution• Ocean-free era• Red giant stage• Supernova• Gravitational perturbations• Climate impact• Meteorite impact• Distant cosmic future |
|---|--|

✓ **Doomsday**

THREATS AND CHALLENGES TO EARTH

HUMAN

- | | |
|---|---|
| <ul style="list-style-type: none">• Biotic crisis• Habitat destruction• Climate change• Concentration of carbon dioxide• Decline in biodiversity• Homogenization of biotas | <ul style="list-style-type: none">• Global warming• Misuse of nanotechnology• Nuclear holocaust• Global environmental disaster• Depletion of the ozone layer |
|---|---|

Polluting the Rivers



Destruction & Pollution Due To War



Water Pollution



Toxic Waste Discharged into the Sea



Polluted Water Source



Illegal Logging



Air Pollution



Uncontrolled Logging



Flood Caused By Human Negligence



Deforestation



Illegal Poaching & The Disappearance Of Wild Life



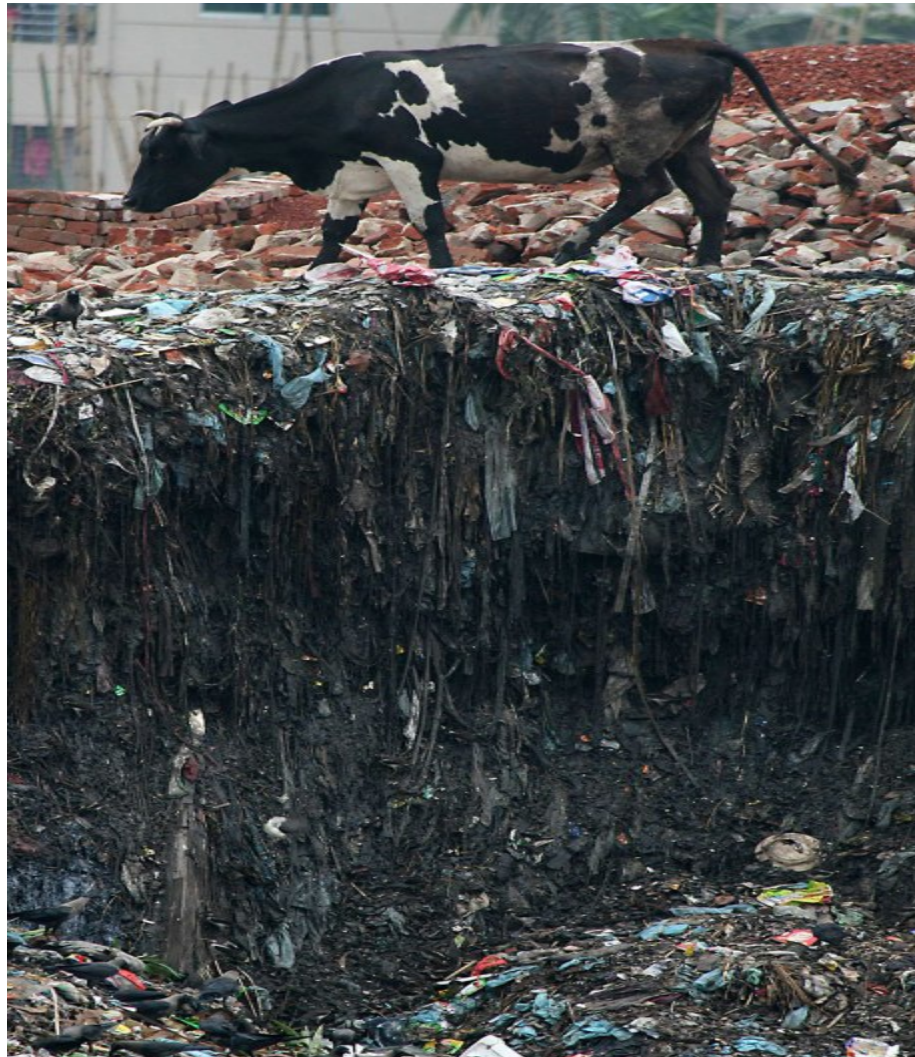
Depletion of Food Source



A River Full of Garbage



Natural Habitat Has Been Disturbed



Habitat Of Marine Lives Are Not Spared



Polluting the Environment



Old Computers



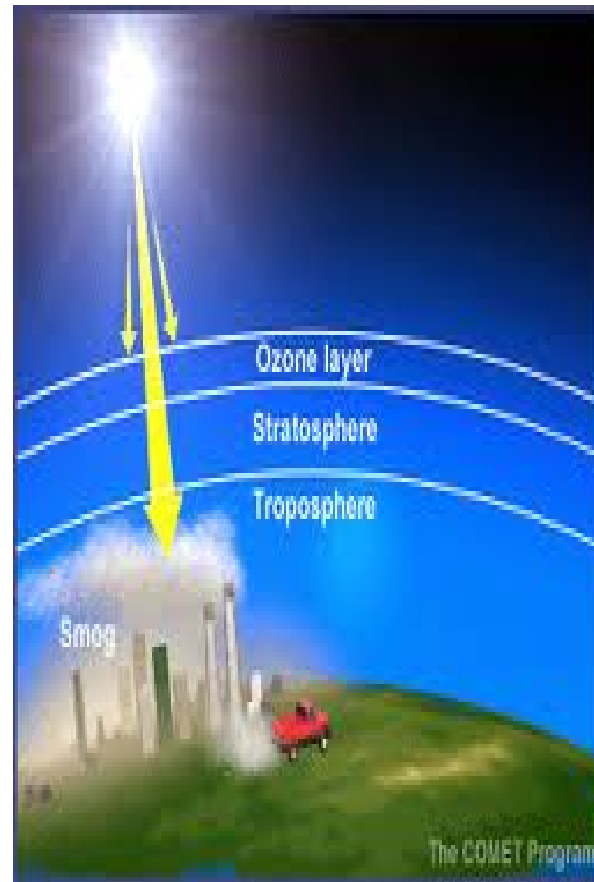
A Pile Of Used Tyres



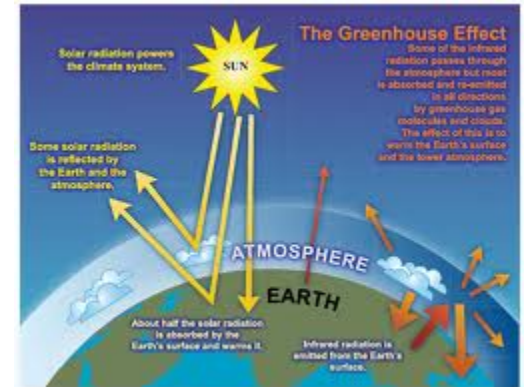
Polluting The Ocean



The Thinning Of The Ozone Layer



The Effect Of Global Warming



Polluting The Outer Space



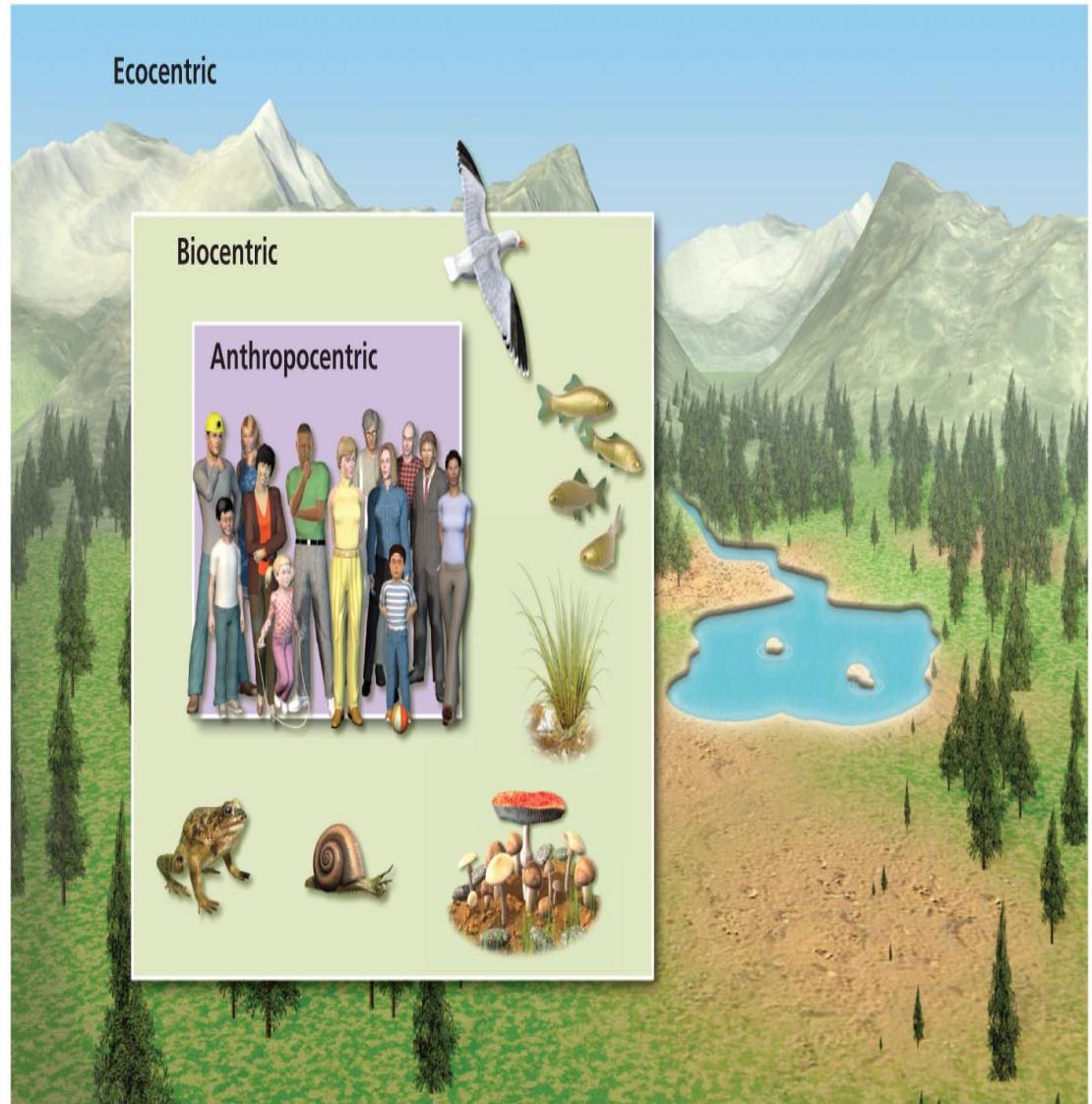
THREE ETHICAL PERSPECTIVES

Anthropocentrism = only humans have intrinsic value

Biocentrism = some nonhuman life has intrinsic value

Ecocentrism = whole ecological systems have value

A holistic perspective that preserves connections



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VALUE THEORIES

Instrumental (Utilitarian) Value

➤ Valuing something for its pragmatic benefits by using it

❖ Animals are valuable because we can eat them

Intrinsic (Inherent) Value

➤ Valuing something for its own sake because it has a right to exist

❖ Animals are valuable because they live their own lives

ISLAMIC CONCEPTION OF EARTH



- ☐ DIVINE OWNERSHIP
- ☐ HUMAN CONTROLL
- ☐ HUMAN BENEFICENCE

DIVINE OWNERSHIP (*RIGHT OF OWNERSHIP*)



وَلِلَّهِ مَا فِي السَّمَاوَاتِ وَمَا فِي الْأَرْضِ وَكَانَ اللَّهُ بِكُلِّ شَيْءٍ
مُّحِيطًا (النساء: 126)

“To God belongs all that is in the heavens and in the earth, for God encompasses everything.” (4:126).

HUMAN CONTROL (*RIGHT & DUTY TO MAINTAIN*)



﴿أَلَمْ تَرَوْا أَنَّ اللَّهَ سَخَّرَ لَكُم مَّا فِي السَّمَاوَاتِ وَمَا فِي الْأَرْضِ﴾

(لَقْمَان: 20)

“See you not (O men) that Allah has subjected for you whatsoever is in the heavens and whatsoever is in the earth...” (31:20).

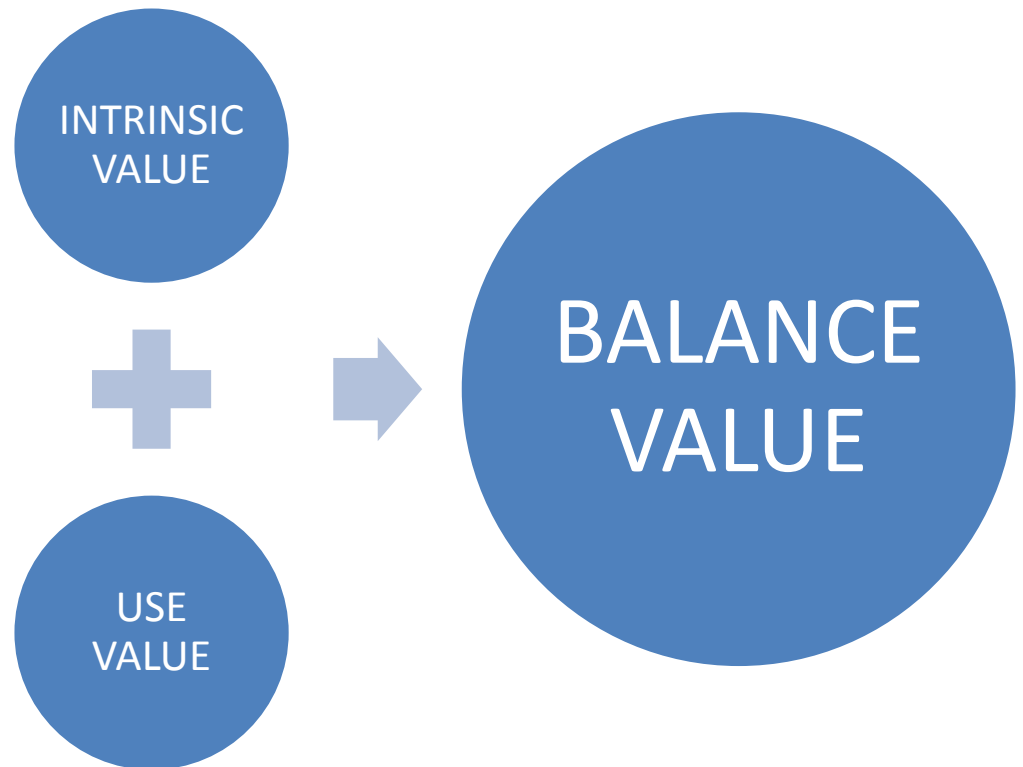
HUMAN BENEFICENCE (*RIGHT TO USE*)

{هو الذي خلق لكم ما في الأرض جميعا ثم استوى إلى السماء فسواهن سبع سماوات وهو بكل شيء عليم}
سورة البقرة آية رقم 29

It is he who hath created for you all things that are on earth; Moreover his design comprehended the heavens, for he gave order and perfection to the seven firmaments; and of all things he hath perfect knowledge.



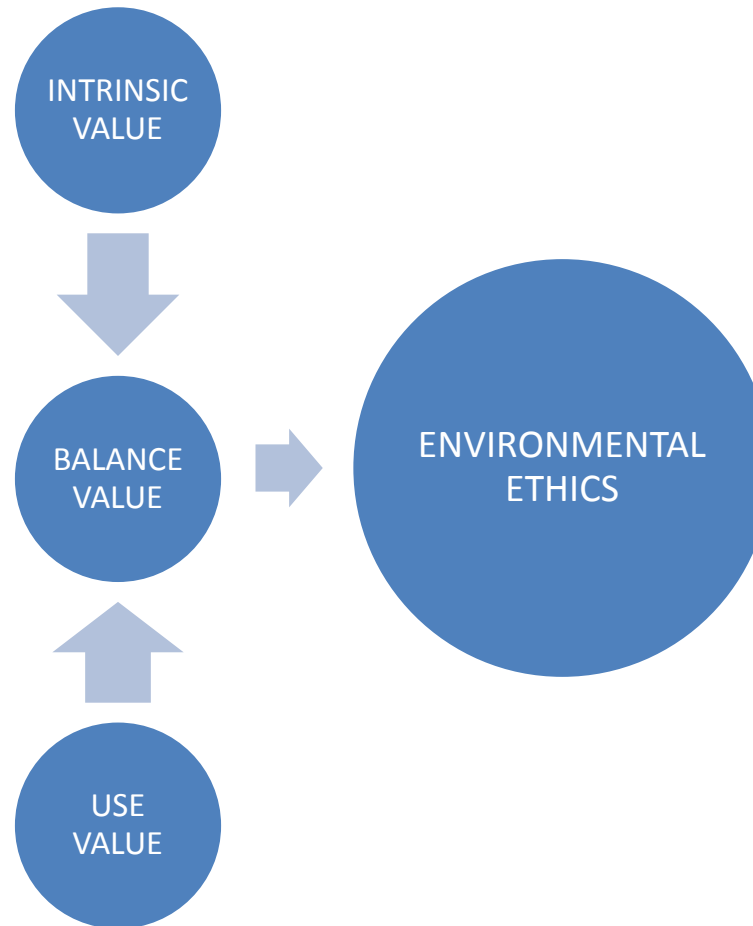
Islamic Conception of Values



INTERACTION OF VALUES

=

ENVIRONMENTAL ETHICS



Meaning of Environment

“The term ‘environment’ refers to all external conditions and factors that affect living organisms. Here external factors mean all the things around us such as air, water, light, animals, **humans etc.”**

(Miller, G. Tyler, Jr., Living in the Environment – Principles, Connections and Solutions. (USA: Brooks/Cole – Wadsworth Thomson Learning, 12th ed., 2002), p. 3.



Categories of Environment

Natural Environment

- The natural environment has been created for the sustenance of man and includes the sun, the moon, stars, plants, trees, rivers, seas, oceans, valleys, mountains, animals and countless other creatures.

Built Environment

- The built environment is made by man in order to improve his living conditions on the earth, and includes roads, buildings, bridges, factories etc.

ISLAMIC ENVIRONMENTAL ETHICS



☐ Tawheed

☐ Khilafah

☐ Amanah

Tawheed



"وَلِلَّهِ مَا فِي السَّمَاوَاتِ وَمَا فِي الْأَرْضِ وَكَانَ اللَّهُ بِكُلِّ شَيْءٍ مُّحِيطًا" (النساء: 126)

“To God belongs all that is in the heavens and in the earth, for God encompasses everything.” (4:126).

قُلْ إِنْ صَلَاتِي وَنَسْكَي وَمَحْيَايَ وَمَمَاتِي لِلَّهِ رَبِّ الْعَالَمِينَ

(6:162)

**Say: My contact prayer, and my rites, and my life, and my death,
are all to Allah, Lord of the worlds.**

Khilafah



الَّذِي أَحْسَنَ كُلَّ شَيْءٍ خَلَقَهُ وَبَدَأَ خَلْقَ الْإِنْسَانِ مِنْ طِينٍ ۝

Surah No.32 , As Sajdah , Ayats No. 7

- He has made everything thing good which He created , and He began the creation of man from clay.

"وَهُوَ الَّذِي جَعَلَكُمْ خَلَائِفَ الْأَرْضِ وَرَفَعَ بَعْضَكُمْ فَوْقَ بَعْضٍ دَرَجَاتٍ لِّيَبْلُوَكُمْ فِي مَا آتَاكُمْ إِنَّ رَبَّكَ سَرِيعُ الْعِقَابِ وَإِنَّهُ لَغَفُورٌ رَحِيمٌ"

It is He Who has made you (His) agents, inheritors of the earth: He has raised you in ranks, some above others: that He may try you in the gifts He has given you: for your Lord is quick in punishment: yet He is indeed Oft-forgiving, Most Merciful.

(Al-Anam, 6: 165)

Amanah



إِنَّا عَرَضْنَا الْأَمَانَةَ عَلَى السَّمَوَاتِ
وَالْأَرْضِ وَالْجِبَالِ فَأَبَيْنَ أَنْ يَحْمِلْنَهَا
وَأَشْفَقْنَ مِنْهَا وَحَمَلَهَا الْإِنْسَانُ
إِنَّهُ كَانَ ظَلُومًا جَهُولًا ﴿٧٢﴾

“We did indeed offer the Trust to the Heavens and the Earth and the Mountains; but they refused to undertake it, being afraid thereof. But man undertook it (the Trust);- he was indeed unjust and foolish...” (Surah Al-Ahzab:72)

﴿ظَهَرَ الْفَسَادُ فِي الْبَرِّ وَالْبَحْرِ بِمَا كَسَبَتْ أَيْدِي النَّاسِ لِيُذِيقَهُمْ

بَعْضَ الَّذِي عَمِلُوا لَعَلَّهُمْ يَرْجِعُونَ﴾ (الروم: 41)

“Mischief (corruption) has appeared on the land and sea because of what the hands of men have earned, that (God) may make them taste a part of that which they have done, in order that they may return.” (30:41).

﴿وَلَا تُلْقُوا بِأَيْدِيكُمْ إِلَى التَّهْلُكَةِ وَأَحْسِنُوا إِنَّ اللَّهَ يُحِبُّ الْمُحْسِنِينَ﴾

(البقرة: 195)

“...And make not your own hands contribute to (your own) destruction; but do good; for God loves those who do good.” (2:195).

﴿وَلَا تُسْرِفُوا إِنَّهُ لَا يُحِبُّ الْمُسْرِفِينَ﴾ (الأنعام: 141)

“And do not waste [God’s bounties]: verily, He does not love the wasteful!” (6:141).

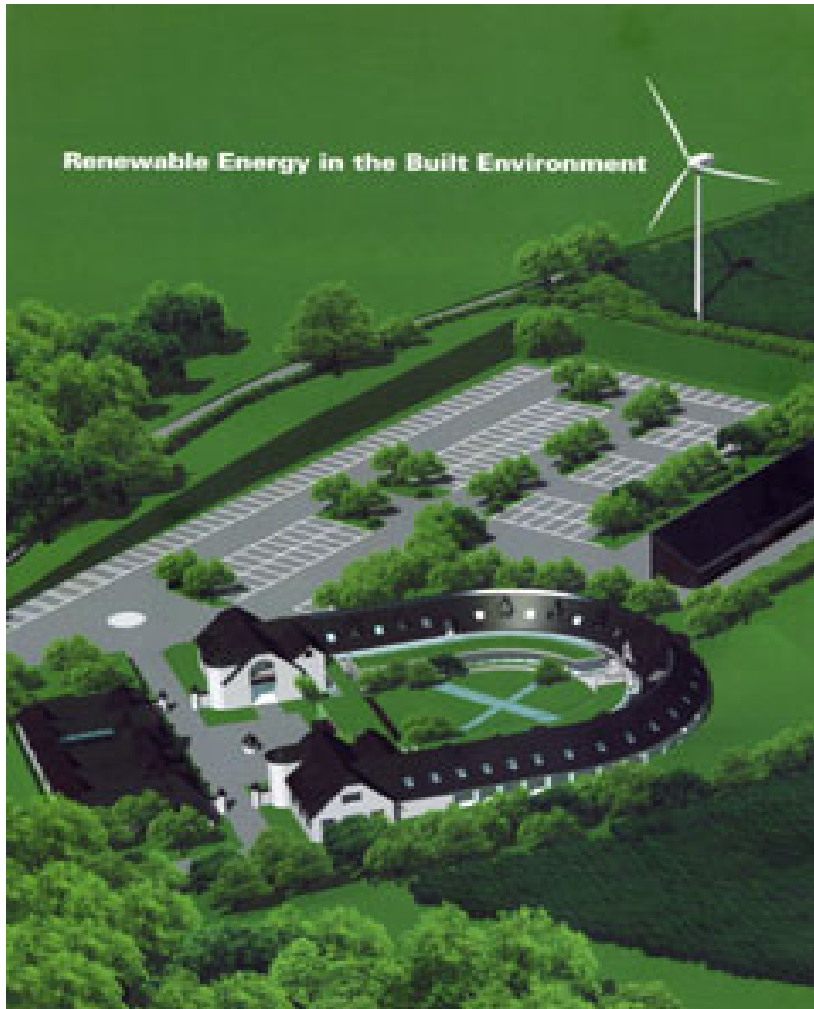


BUILT ENVIRONMENT



**“the human-made space in
which people live, work,
and recreate on a day-to-
day basis”**

BUILT ENVIRONMENT



Within the field of public health, built environments are referred to as building or renovating areas in an effort to improve the community's well-being through construction of **“aesthetically, health improved, and environmentally improved landscapes and living structures”**.

SUSTAINABLE CITY



A ‘sustainable city’ is “a city that works so that all of its citizens are able to meet their own needs ...wellbeing of the natural world or the living conditions of other people, now or in future”

Declaration of Interdependence for a Sustainable Future

- *We commit ourselves, as members of the world's architectural and building-design professions, individually and through our professional organisations, to:*
- **Place environmental and social sustainability at the core of our practices and professional responsibilities;...**

**World Congress of Architects in Chicago,
18 – 21 June 1993**

METHODS IN MOULDING THE FUTURE EARTH



- The **United Nations Conference on Environment and Development** (UNCED), June 1992 at Rio de Janeiro in Brazil, **the Rio Earth Summit**
- The United **Nations Conference on Sustainable Development** (UNCSD), also known as Rio 2012, **Rio+20**
- **Kyoto Protocol 1997**

Thank You Syukran Jazilan Terima Kashi



Acknowledgements

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 - Wikipedia
- UNGS 2050 Slides