

TD n°4 TCE**Sustainable development**

Overall development of humanity over the last decades has led to the increasingly unfavorable climate changes and natural disasters, but also wars and political and socio-economic instability. Through their action, humans have negatively impacted on the environment, endangering the survival of the Earth and the future generations. These conditions have indicated changes in the behavior aiming towards more rational and efficient management of all resources that will allow less pressure and environmental impact. Such responsible behavior that will ensure the long-term exploitation of resources, without jeopardizing future generations is considered within the concept of sustainable development evolving in the 70s and especially in the 80s of the last century. The concept of sustainable development is based on the concept of development (socio-economic development in line with ecological constraints), the concept of needs (redistribution of resources to ensure the quality of life for all) and the concept of future generations (the possibility of long-term usage of resources to ensure the necessary quality of life for future generations). The essence of the concept of sustainable development derives from the Triple bottom line concept, which implies the balance between three pillars of sustainability – environmental sustainability focused on maintaining the quality of the environment which is necessary for conducting the economic activities and quality of life of people, social sustainability which strives to ensure human rights and equality, preservation of cultural identity, respect for cultural diversity, race and religion, and economic sustainability necessary to maintain the natural, social and human capital required for income and living standards. Complete sustainable development is achieved through a balance between all these pillars; however, the required condition is not easy to achieve, because in the process of achieving its goals each pillar of sustainability must respect the interests of other pillars not to bring them into imbalance. So, while a certain pillar of sustainable development becomes sustainable, others can become unsustainable, especially when it comes to ecological sustainability, on which the overall capacity of development depends.

Read the text and answer the following questions:

Q1) Propose the main idea of the text.

Q2) Provide six keywords for the text.

Q3) Define the concept of sustainable development according to the text.

Q4) What are the three pillars of sustainability in the concept of sustainable development?

Q5) What challenges and complexities are associated with achieving complete sustainable development?

Questions about the ‘‘ Research methodology’’ lecture

Q6) Provide a brief definition of research methodology.

Q7) What is the general purpose of any type of research?

Q8) Give some examples of research objectives.

Q9) What is the motivations of any person or organization to perform research?

Q10) What is the general characteristics of research?