

# Scale in space

[Science](#), [Physics](#)



Scale in space The solar system consists of many planets that orbit around the sun. The planets have distinguishing features such as shape and size but these do not define superiority of any planet over others. However, the earth has one unique feature, apart from its shape and size that establishes it above other planets. It is, so far, the only planet that is known to have the capacity to support human life. It, with this respect, has a variety of living things, majorly classified into plants and animals kingdoms. A consideration of the plant kingdom identifies millions of plant species but human beings still play a fundamental role, in inter-species interactions, to establish their importance on earth. While the earth has the biotic diversity with defining interactions, little evidence exists to show possible existence of life in the other planets. This induces uncertainty and prompts need for research amidst theories that people have held about the universe. Efforts by astronomers, into developed knowledge about each planet of the solar system has however developed awareness of each planet's potential and helped to dispel wrong perspectives that people had developed, and held on, about the planets (Trimble 19).

Information exist that demonstrate order in the universe, an arrangement whose existence is known but whose origin and history remains a mystery that only scientific research can unlock. The course has however, and through different approaches, been helpful in developing knowledge on the solar system. Its content that covers much information about the solar system has been informative, and independent research on emerging issues and concerns on existing theories on the solar system has improved my understanding of the system. One of the lessons that I have learnt about the

universe is its long-term existence, dating back to more than 38 million years ago. I have also developed insights into forces around the universe that has sustained it (Trimble 37). In addition, I have developed great insights from the course with the need to preserve the universe as an important responsibility that human beings have. In understanding the role of the earth in the universe, the course has informed me of the need for human beings to be effectively involved in ensuring sustainability of the universe. Even though natural mechanisms exist, initiated and facilitated by different elements of the solar system, which ensures sustainability of the solar system, humans must play an active role in the sustainability through controlling actions. Some activities, for example, destabilize the universe and human beings need to abstain from such activities in order to ensure sustainability of the universe.

Human beings only contribute to a little percentage of the composition of the universe but have an important role in sustainability of the universe (Trimble 68). The course has established my interest in astronomy and I expect this to influence my career selection. The course also informed me of facts about the universe and therefore undermined myths that humans hold.

Understanding the role of human beings in ensuring sustainability of the universe has also been a significant effect of the course.

#### Works Cited

Trimble, V. " The 2001 Paul Klopsteg Memorial Lecture: Cosmology: Mans place in the universe (a deconstruction)." American Journal of Physics (2002): n. pag. Web. .