Sample Human Resource Metrics Hr Cloud Solutions

Asteroid mining

and capability are precursors enabling the complex solutions necessary for extra-terrestrial resource exploitation and mining. Technological "stepping stones"

Asteroid mining is the hypothetical extraction of materials from asteroids and other minor planets, including near-Earth objects.

Notable asteroid mining challenges include the high cost of spaceflight, unreliable identification of asteroids which are suitable for mining, and the challenges of extracting usable material in a space environment.

Asteroid sample return research missions, such as Hayabusa, Hayabusa2, OSIRIS-REx, and Tianwen-2 illustrate the challenges of collecting ore from space using current technology. As of 2024, around 127 grams of asteroid material has been successfully brought to Earth from space. Asteroid research missions are complex endeavors and yield a tiny amount of material (less than 100 milligrams Hayabusa, 5.4 grams Hayabusa2, ~121.6 grams OSIRIS-REx, Tianwen-2...

Sawtooth National Forest

"Idaho's Boulder White-Clouds Wilderness Approved". The Spokesman-Review. Archived from the original on August 8, 2015. Simpson, Mike. "H.R. 1138" (PDF). U.S

Sawtooth National Forest is a National Forest that covers 2,110,408 acres (854,052 ha) in the U.S. states of Idaho (~96 percent) and Utah (~4 percent). Managed by the U.S. Forest Service in the U.S. Department of Agriculture, it was originally named the Sawtooth Forest Reserve in a proclamation issued by President Theodore Roosevelt on May 29, 1905. On August 22, 1972, a portion of the forest was designated as the Sawtooth National Recreation Area (SNRA), which includes the Sawtooth, Cecil D. Andrus–White Clouds, and Hemingway–Boulders wilderness areas. The forest is managed as four units: the SNRA and the Fairfield, Ketchum, and Minidoka Ranger Districts.

Sawtooth National Forest is named for the Sawtooth Mountains, which traverse part of the SNRA. The forest also contains the Albion, Black...

Citizen science

are recognized in the scientific community and there are statistical solutions and best practices available which can help. The term "citizen science"

The term citizen science (synonymous to terms like community science, crowd science, crowd-sourced science, civic science, participatory monitoring, or volunteer monitoring) is research conducted with participation from the general public, or amateur/nonprofessional researchers or participants of science, social science and many other disciplines. There are variations in the exact definition of citizen science, with different individuals and organizations having their own specific interpretations of what citizen science encompasses. Citizen science is used in a wide range of areas of study including ecology, biology and conservation, health and medical research, astronomy, media and communications and information science.

There are different applications and functions of "citizen science" in...

Glossary of engineering: M–Z

unit of the substance. This is true for ideal solutions only, as occasionally ion pairing occurs in solution. At a given instant a small percentage of the

This glossary of engineering terms is a list of definitions about the major concepts of engineering. Please see the bottom of the page for glossaries of specific fields of engineering.

Iron

Greenwood & Earnshaw 1997, pp. 1070–71. "Hardness Conversion Chart". Maryland Metrics. Archived from the original on 18 June 2015. Retrieved 23 May 2010. Takaji

Iron is a chemical element; it has symbol Fe (from Latin ferrum 'iron') and atomic number 26. It is a metal that belongs to the first transition series and group 8 of the periodic table. It is, by mass, the most common element on Earth, forming much of Earth's outer and inner core. It is the fourth most abundant element in the Earth's crust. In its metallic state it was mainly deposited by meteorites.

Extracting usable metal from iron ores requires kilns or furnaces capable of reaching 1,500 °C (2,730 °F), about 500 °C (900 °F) higher than that required to smelt copper. Humans started to master that process in Eurasia during the 2nd millennium BC and the use of iron tools and weapons began to displace copper alloys – in some regions, only around 1200 BC. That event is considered the transition...

2020 in science

they find to closely resemble SARS-CoV-2 spread in human young adult populations. 8 December Samples preserved for an estimated 4.6 bn years collected

A number of significant scientific events occurred in 2020.

Radiation effects from the Fukushima nuclear accident

caesium-134/137, have since been detected at atmospheric radionuclide sampling stations around the world, including in California and the Pacific Ocean

The radiation effects from the Fukushima nuclear accident are the observed and predicted effects as a result of the release of radioactive isotopes from the Fukushima Daiichi Nuclear Power Plant following the 2011 Tōhoku earthquake and tsunami. The release of radioactive isotopes from reactor containment vessels was a result of venting in order to reduce gaseous pressure, and the discharge of coolant water into the sea. This resulted in Japanese authorities implementing a 30 km exclusion zone around the power plant and the continued displacement of approximately 156,000 people as of early 2013. The number of evacuees has declined to 49,492 as of March 2018. Radioactive particles from the incident, including iodine-131 and caesium-134/137, have since been detected at atmospheric radionuclide...

Single-cell transcriptomics

OL (August 2015). "Informatics for RNA Sequencing: A Web Resource for Analysis on the Cloud". PLOS Computational Biology. 11 (8): e1004393. Bibcode:2015PLSCB

Single-cell transcriptomics examines the gene expression level of individual cells in a given population by simultaneously measuring the RNA concentration, typically messenger RNA (mRNA), of hundreds to thousands of genes. Single-cell transcriptomics makes it possible to unravel heterogeneous cell populations, reconstruct cellular developmental pathways, and model transcriptional dynamics—all previously masked in bulk RNA sequencing.

Criticism of Wikipedia

Wikipedia, Britannica, and Simple Wikipedia. They used a range of readability metrics on a subset of 90,000 articles from Britannica and 25,000 articles from

The free online encyclopedia Wikipedia has been criticized since its creation in 2001. Most of the criticism has been directed toward its content, community of volunteer editors, process, and rules. Critics have questioned its factual reliability, the readability and organization of its articles, the lack of methodical fact-checking, and its political bias.

Concerns have also been raised about systemic bias along gender, racial, political, corporate, institutional, and national lines. Conflicts of interest arising from corporate campaigns to influence content have also been highlighted. Further concerns include the vandalism and partisanship facilitated by anonymous editing, clique behavior (from contributors as well as administrators and other top figures), social stratification between a...

Wikipedia:Wikipedia Signpost/Single/2019-08-30

all human knowledge," or just a digital dictatorship? After the publication of this article, "Q" has publicly denied any involvement with hkv.hr content

Single-page EditionWP:POST/130 August 2019

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