

Resource Summary Report

Generated by ASWG on Aug 4, 2026

United States Department of Energy

RRID:SCR_012841

Type: Tool

Proper Citation

United States Department of Energy (RRID:SCR_012841)

Resource Information

URL: <http://www.energy.gov/>

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Description: The mission of the Department of Energy is to ensure America's security and prosperity by addressing its energy, environmental, and nuclear challenges through transformative science and technology solutions. Goal 1: Transform our Energy Systems - Catalyze the timely, material, and efficient transformation of the nation's energy system and secure U.S. leadership in clean energy technologies. Goal 2: The Science and Engineering Enterprise - Maintain a vibrant U.S. effort in science and engineering as a cornerstone of our economic prosperity, with clear leadership in strategic areas. Goal 3: Secure Our Nation - Enhance nuclear security through defense, nonproliferation, and environmental efforts. Goal 4: Management and Operational Excellence - Establish an operational and adaptable framework that combines the best wisdom of all Department stakeholders to maximize mission success.

Abbreviations: DOE

Synonyms: US Department of Energy, U.S. Department of Energy, Department of Energy, U.S. DOE, US DOE

Resource Type: institution

Resource Name: United States Department of Energy

Resource ID: SCR_012841

Alternate IDs: nlx_86742, grid.85084.31, Wikidata: Q217810, ISNI: 123423717, Crossref funder ID: 100000015

Alternate URLs: <https://ror.org/01bj3aw27>

Record Creation Time: 20220129T080312+0000

Ratings and Alerts

No rating or validation information has been found for United States Department of Energy.

No alerts have been found for United States Department of Energy.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 63 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Steensma AK, et al. (2025) Modeling with uncertainty quantification reveals the essentials of a non-canonical algal carbon-concentrating mechanism. *Plant physiology*, 197(2).

Rasoulimehrabani H, et al. (2025) Lactulose selectively stimulates members of the gut microbiota, as determined by multi-modal activity-based sorting. *Gut microbes*, 17(1), 2525482.

Birzu G, et al. (2025) Hybridization breaks species barriers in long-term coevolution of a cyanobacterial population. *eLife*, 12.

Shatadru RN, et al. (2025) Benchmarking with synthetic communities provides a baseline for virus-host inferences from Hi-C proximity linking. *PLoS biology*, 23(11), e3003510.

Parra AS, et al. (2024) The RNA-binding protein Modulo promotes neural stem cell maintenance in *Drosophila*. *PloS one*, 19(12), e0309221.

Weber D, et al. (2023) Climate change alters slug abundance but not herbivory in a temperate grassland. *PloS one*, 18(3), e0283128.

Tkachenko N, et al. (2023) Global database of cement production assets and upstream suppliers. *Scientific data*, 10(1), 696.

Long Z, et al. (2022) Protocol for synthesis and characterization of ePTFE reinforced, sulfonated polyphenylene in the application to proton exchange membrane fuel cells. *STAR protocols*, 3(1), 101049.

Berndt AJ, et al. (2021) Recombinant production of a functional SARS-CoV-2 spike receptor binding domain in the green algae *Chlamydomonas reinhardtii*. *PloS one*, 16(11), e0257089.

Schwatka NV, et al. (2021) Development and validation of a diabetes risk score among two populations. PloS one, 16(1), e0245716.

Long Z, et al. (2021) ePTFE reinforced, sulfonated aromatic polymer membranes enable durable, high-temperature operable PEMFCs. iScience, 24(9), 102962.

Moses ME, et al. (2021) Spatially distributed infection increases viral load in a computational model of SARS-CoV-2 lung infection. PLoS computational biology, 17(12), e1009735.

Ye H, et al. (2021) Considering uncertainties expands the lower tail of maize yield projections. PloS one, 16(11), e0259180.

Goodsell DS, et al. (2020) Integrative illustration for coronavirus outreach. PLoS biology, 18(8), e3000815.

Neves R, et al. (2020) Datasets for residential GSHP analysis by climate in the United States. Data in brief, 33, 106523.

Bittrich S, et al. (2020) Real-time structural motif searching in proteins using an inverted index strategy. PLoS computational biology, 16(12), e1008502.

Ma J, et al. (2020) Strong intracellular signal inactivation produces sharper and more robust signaling from cell membrane to nucleus. PLoS computational biology, 16(11), e1008356.

Cruz C, et al. (2019) Towards Sustainable Energy-Efficient Communities Based on a Scheduling Algorithm. Sensors (Basel, Switzerland), 19(18).

Akter R, et al. (2019) The triphenylmethane dye brilliant blue G is only moderately effective at inhibiting amyloid formation by human amylin or at disaggregating amylin amyloid fibrils, but interferes with amyloid assays; Implications for inhibitor design. PloS one, 14(8), e0219130.

Popkin BM, et al. (2018) Obesity and the food system transformation in Latin America. Obesity reviews : an official journal of the International Association for the Study of Obesity, 19(8), 1028.