



ARMS file extractor: fact sheet

Aim	This service downloads and displays the ARMS metadata records from the <i>MasterARMS_2018.csv</i> file which is stored in the Integrated Marine Information System (IMIS), the datasets catalogue of the Flanders marine institute (VLIZ), within the ASSEMBLE Plus data collection. The <i>MasterARMS_2018.csv</i> file contains all samples and associated information belonging to the ARMS collection.
Input	None required.
Requirements	None required.
Analytical tools	This code behind this service queries the fixed URL to the IMIS metadata records.
Output	The downloaded <i>MasterARMS_2018.csv</i> contains information about locations (country, ARMS observatory, geographical coordinates, depth, etc.), timings (deployment and collection dates), sample characteristics (fraction, preservative, filter, etc.), and accession numbers to sequences (18S, ITS, and COI).
Citations	Obst, M.; Pavloudi, C.; Gerovasileiou, V.; Exter, K.; Department of Marine Sciences; Faculty of Science. University of Gothenburg: Sweden; Institute of Marine Biology, Biotechnology and Aquaculture. Hellenic Centre for Marine Research: Greece; Flanders Marine Institute: Belgium; (2020): ARMS 2018 dataset on long-term monitoring and biodiversity assessment of invasive and indigenous hard-bottom communities. http://www.assembleplus.eu/information-system?module=dataset&dasid=6405
Metadata	https://metadatalogue.lifewatch.eu/srv/eng/catalog.search#/metadata/e6289cf6-dde7-4584-89e6-bd7e907a4b5f
Further readings	IMIS - http://vliz.be/en/integrated-marine-information-system ASSEMBLE Plus collection - http://www.assembleplus.eu/information-system?module=dataset&dasid=6405