

STEAME for Saving Life



Resources for Disaster Risk Reduction Education

Scientific Monitoring, Mapping, Early-Warning and Hazard-Information Platforms

Authoritative and supplementary platforms providing monitoring, warnings, maps, catalogues or hazard information.

	Theme/Scope	Resource title	Website	Description and educational use	Editorial note
1.	Cyprus — Earthquakes	Earthquakes Info — Interactive Earthquake Map of Cyprus	earthquakes-info.com/.../month	Interactive map presenting earthquakes recorded in Cyprus over selectable time periods. Useful for: visualising earthquake distribution over time and identifying spatial and temporal patterns.	Secondary aggregator. Included in the supplied scientific monitoring catalogue.
2.	Cyprus — Earthquakes	Earthquakes Today — Cyprus	https://earthquaketoday.net/cyprus	Interactive platform displaying recent and historical earthquakes in and around Cyprus, with an earthquake map and basic event parameters. Useful for: introductory earthquake-data exploration, locating recent events, comparing magnitude and depth, and map-based activities.	Secondary aggregator; verify critical data against institutional sources. Included in the supplied scientific monitoring catalogue.
3.	Cyprus — Earthquakes	Volcanoes & Earthquakes — Cyprus	https://www.volcanoesa.de/earthquakes.com/regi-on/Cyprus	Regional interactive map of recent earthquakes in and around Cyprus, with filters by magnitude and time period. Useful for: regional monitoring, map interpretation and comparison of events.	Specialised information platform, not an official national authority. Included in the supplied scientific monitoring catalogue.
4.	Cyprus — Multi-hazard	Cyprus Storms Live	https://cyprus-storms.net/	Cyprus-based information website covering storms, weather, earthquakes, tsunamis, geology and preparedness. Useful for: locally contextualised examples, weather and hazard awareness, introductory preparedness activities.	Independent information website. Included in the supplied scientific monitoring catalogue.

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5.	Europe — Floods	European Flood Risk Areas Viewer	https://discomap.eea.europa.eu/floodsvier/	Interactive European viewer presenting areas of potentially significant flood risk reported by European countries. Useful for: flood-risk distribution, exposure analysis and map-based DRR activities.	Planning information; not a real-time warning service. Included in the supplied scientific monitoring catalogue.
6.	Europe / Global — Earthquakes	EMSC Earthquake Information and Event Catalogue	https://www.emsc-csem.org/Earthquake_information/	Search interface for recent and historical earthquake events, with filters and data-export options. Useful for: structured searches, spreadsheet analysis and digital mapping.	Specialised EMSC service. Included in the supplied scientific monitoring catalogue.
7.	Europe / Global — Earthquakes	EMSC Mobile	https://m.emsc.eu/	Mobile service of the European-Mediterranean Seismological Centre providing rapid information on recent earthquakes and citizen observations. Useful for: mobile access, recent-earthquake monitoring and citizen seismology.	Institutional scientific source. Included in the supplied scientific monitoring catalogue.
8.	Europe / Global — Earthquakes	European-Mediterranean Seismological Centre — EMSC	https://www.emsc-csem.org/	Official EMSC platform providing rapid earthquake parameters, maps, event information, data services and eyewitness testimonies. Useful for: reliable recent-earthquake information, mapping and data analysis.	Authoritative scientific source. Included in the supplied scientific monitoring catalogue.
9.	Global — Earthquakes and volcanoes	VolcanoDiscovery	https://www.volcanodiscovery.com/	International platform covering earthquakes, active volcanoes, volcanic reports, maps, photographs and geology material. Useful for: global comparisons of seismic and volcanic activity and historical-event exploration.	Use institutional sources for authoritative conclusions. Included in the supplied scientific monitoring catalogue.
10.	Global — Floods	Copernicus Emergency Management Service — Global Flood Awareness System Data Access	global-flood.emergency.copernicus.eu/.../data-access	Official Copernicus portal providing access to global flood forecasts, observations and monitoring products. Useful for: forecast flood conditions, hydrological information and satellite-based flood monitoring.	Authoritative EU service; technical datasets require guided interpretation. Included in the supplied scientific monitoring catalogue.

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11.	Greece — Earthquake and geological hazards; Greece — Scientific monitoring and hazard data	Institute of Geodynamics — National Observatory of Athens	https://www.gein.noa.gr	Scientific institution providing seismic monitoring and earthquake information in Greece. Useful for: earthquake data, seismic activity, scientific background for earthquake-related learning.	Named in the O1/A1 country section. Named or described in O1/A1. Included in the supplied country resource catalogue.
12.	Greece — Earthquakes	National and Kapodistrian University of Athens — Recent Earthquake Map	geophysics.geol.uoa.gr/.../recent_eq_1d_el.htm	University-hosted legacy page presenting recent earthquake locations over a short time window. Useful for: university-based seismic information and academic-network awareness.	Legacy link; test functionality before publication. Included in the supplied scientific monitoring catalogue.
13.	Greece — Earthquakes	National Observatory of Athens — Real-Time Seismicity	bbnet.gein.noa.gr/.../last-24-hours	Real-time seismicity service of the Institute of Geodynamics, presenting earthquakes recorded during the previous 24 hours. Useful for: authoritative monitoring of current seismic activity in Greece.	Official scientific source. Included in the supplied scientific monitoring catalogue.
14.	Greece — Earthquakes	Seismos.gr — Live Earthquake Map and Archive	https://www.seismos.gr/	Greek earthquake-information portal with recent events, maps, lists and historical information. Useful for: current Greek seismicity, epicentre location and event-sequence exploration.	Verify important parameters with official sources. Included in the supplied scientific monitoring catalogue.
15.	Greece / Global — Earthquakes	Earthquakes.gr — Recent Earthquakes Worldwide	https://www.earthquakes.gr/loc_eq/earthquake-s-world.asp	Map and list of recent earthquakes worldwide, with basic event information. Useful for: global comparisons, map reading and identifying recent events.	Secondary information portal. Included in the supplied scientific monitoring catalogue.
16.	Greece / Global — Earthquakes	Seismo Live	https://www.seismo-live.gr/	Greek-language platform providing near-real-time earthquake information and explanatory material on seismology. Useful for: monitoring recent Greek earthquakes and Greek-language introductory seismology.	Independent information website. Included in the supplied scientific monitoring catalogue.

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17.	Iceland — Earthquake and geological hazards; Iceland — Weather, climate, flood and environmental risk	Icelandic Meteorological Office / Veðurstofa Íslands	https://en.vedur.is/	Provides monitoring, forecasts and warnings for weather, earthquakes, volcanic activity, hydrology and avalanches. Useful for: natural-hazard monitoring, early warnings, earthquakes, volcanoes, floods, storms and avalanches.	Named in the O1/A1 country section. Named or described in O1/A1. Included in the supplied country resource catalogue.
18.	Japan — Earthquake and geological hazards; Japan — Weather, climate, flood and environmental risk	Japan Meteorological Agency (JMA)	https://www.jma.go.jp	Provides official information, forecasts and warnings on weather, earthquakes, tsunamis and volcanic activity. Useful for: early-warning systems, meteorological hazards, earthquakes, tsunamis, volcanic information, typhoon and heavy-rain preparedness.	Named in the O1/A1 country section. Named or described in O1/A1. Included in the supplied country resource catalogue.
19.	New Zealand — Earthquake and geological hazards; New Zealand — Scientific monitoring and hazard data	GeoNet	https://www.geonet.org.nz	Scientific monitoring and public information on New Zealand's geological hazards. Useful for: earthquakes, volcanoes, tsunami, real-time hazard information, scientific background.	Named in the O1/A1 country section. Named or described in O1/A1. Included in the supplied country resource catalogue.
20.	Singapore — Weather and climate hazards; Singapore — Weather, climate, flood and environmental risk	National Environment Agency — Climate and Environmental Resources	https://www.nea.gov.sg	Provides information on climate change, extreme weather, haze, environmental health and sustainability. Useful for: climate resilience, heat, haze, public-health risks and environmental education.	Named in the O1/A1 country section. Named or described in O1/A1. Included in the supplied country resource catalogue.
21.	Singapore — Weather and climate hazards; Singapore — Weather, climate, flood and environmental risk	National Environment Agency — Heat Stress Advisory	nea.gov.sg/...	Provides public guidance on minimizing heat-related illness and understanding rising heat risks. Useful for: heat stress, climate adaptation and health preparedness.	Named in the O1/A1 country section. Named or described in O1/A1. Included in the supplied country resource catalogue.

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22.	Singapore — Weather and climate hazards; Singapore — Weather, climate, flood and environmental risk	PUB — Coastal Protection and Flood Resilience Institute	pub.gov.sg/...	Supports research and public understanding on coastal protection and flood management in Singapore. Useful for: flood resilience, coastal adaptation and climate-risk learning.	Named in the O1/A1 country section. Named or described in O1/A1. Included in the supplied country resource catalogue.
23.	Spain — Weather and climate hazards; Spain — Weather, climate, flood and environmental risk	AEMET — Agencia Estatal de Meteorología	https://www.aemet.es	Spain's State Meteorological Agency, providing weather forecasts, warnings, observations, and climate information. Useful for: storms, heavy rainfall, heatwaves, droughts, floods, and other adverse weather risks.	Named in the O1/A1 country section. Named or described in O1/A1. Included in the supplied country resource catalogue.

7. Videos, Multimedia and Digital Storytelling Resources

Non-interactive or primarily audiovisual resources, including videos, animations, multimedia collections and teacher-support media.

	Theme/Scope	Resource title	Website	Description and educational use	Editorial note
1.	International — 3D comparison video; International — 3D educational comparison video	3D Classroom: Earthquake SIZE Comparison!	https://www.youtube.com/watch?v=VHHelQVg-RM	Video comparing effects associated with earthquakes of different sizes in a classroom-style visual environment. Useful for: discussing magnitude and consequences, comparison and critical interpretation.	Public video; scientific claims should be checked during teacher preview. Included in the supplied digital tools table. Externally verified or included in a previously verified resource catalogue.
3.	USA — Computer-generated ground-motion videos	Ground-Shaking Simulations	https://earthquake.usgs.gov/education/shakingsimulations/	Computer simulations showing how seismic shaking propagates through a region using map and perspective views. Useful for: spatial differences in shaking, geology and map literacy.	Scientific simulation videos; accompanying teacher materials are listed separately. Externally verified or included in a previously verified resource catalogue.
4.	USA / International — Multimedia collection	Earthquake Hazards Multimedia Collection	usgs.gov/.../multimedia	USGS collection of images, videos and animations on earthquakes, ground shaking, seismic waves and impacts. Useful for: presentations, event case studies and multimedia lesson design.	Official scientific collection. Externally verified or included in a previously verified resource catalogue.
5.	USA / International — Scientific animation collection	Earthquake Animations — U.S. Geological Survey	usgs.gov/.../earthquake-animations	Official animations illustrating fault types, plate movement, seismic-wave behaviour and tectonic mechanisms. Useful for: teacher explanation and conceptual understanding.	Directly accessible scientific collection. Externally verified or included in a previously verified resource catalogue.

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6.	USA / International — Scientific animation videos	USGS ShakeMovie Animations	usgs.gov/.../multimedia	Animations combining seismic observations and modelling to show waves radiating from earthquakes and interacting with 3D geological structures. Useful for: rupture processes, event comparisons and local geology.	Part of the USGS multimedia collection. Externally verified or included in a previously verified resource catalogue.
7.	USA — Teacher support for simulation videos	Ground-Shaking Simulations — Resources for Teachers	earthquake.usgs.gov/.../classroom.php	Teacher-oriented explanations of fault rupture, seismic-wave types and interpretation of modelled ground motion. Useful for: guided analysis and lesson preparation.	Teacher-support resource accompanying USGS simulations. Externally verified or included in a previously verified resource catalogue.

8. International Frameworks, Policy, Terminology and Foundational References

International policy frameworks, terminology, comparative studies, guidance and evidence used to ground DRRE policy and programme design.

	Theme/Scope	Resource title	Website	Description and educational use	Editorial note
1.	European Union — climate-risk context; Europe — Climate-risk evidence base	European Climate Risk Assessment	eea.europa.eu/... eea.europa.eu/...	European Environment Agency assessment of major climate risks and policy priorities across Europe. Useful for: climate-risk context, adaptation and evidence-based policy discussion.	Referenced in the O1/A1 bibliography; not a classroom resource. Authoritative European assessment; not a classroom resource by itself. Named or described in O1/A1. Externally verified or included in a previously verified resource catalogue.
2.	European Union — disaster-risk policy	The Sendai Framework and the EU Approach to Disaster Risk Management	https://ec.europa.eu/	European policy background linking the Sendai Framework with the EU approach to disaster-risk management. Useful for: institutional and policy context.	O1/A1 provides only a general European Commission link. Named or described in O1/A1.
3.	European Union — DRR policy	European Commission Thematic Policy Document on Disaster Risk Reduction	ec.europa.eu/.../DRR_thematic_policy_doc.pdf	EU policy document outlining the role and approach of disaster risk reduction in humanitarian and resilience programming. Useful for: European policy context and institutional framing.	Policy reference, not a primary-school teaching resource. Externally verified or included in a previously verified resource catalogue.
4.	International — comprehensive school safety; International — School safety framework	Comprehensive School Safety Framework 2022–2030	https://gadrrres.net/files/cssf_2022-2030_en.pdf gadrrres.net/... undrr.org/...	Global framework organised around safer learning facilities, school safety and educational continuity management, and risk-reduction/resilience education. Useful for: policy development and whole-school planning.	Referenced in the O1/A1 bibliography. International foundational framework. Named or described in O1/A1. Externally verified or included in a previously verified resource catalogue.

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5.	International — Curriculum review and case studies	Disaster Risk Reduction in School Curricula: Case Studies from Thirty Countries	preventionweb.net/...	Comparative review of how DRR has been integrated into school curricula in thirty countries. Useful for: curriculum mapping, policy comparison and examples of implementation.	Foundational comparative report. Externally verified or included in a previously verified resource catalogue.
6.	International — DRR education knowledge collection	UNICEF Disaster Risk Reduction in Education: Knowledge and Learning Resources	unicef.org/...	UNICEF collection of DRR-in-education knowledge and learning resources developed through regional programming. Useful for: policy, curriculum integration, school safety and programme design.	International collection; includes regional materials. Externally verified or included in a previously verified resource catalogue.
7.	International — DRR education practices	Disaster Risk Reduction in Education: Good Practices and New Approaches	preventionweb.net/...	Collection of approaches and practices for integrating disaster risk reduction into education. Useful for: programme examples, policy development and practitioner reflection.	Background and practice-oriented publication. Externally verified or included in a previously verified resource catalogue.
8.	International — education and DRR	UNESCO — Disaster Risk Reduction, Climate Change and Education	unesco.org/.../education	International background resource linking education, climate change and disaster risk reduction. Useful for: conceptual framing and policy context.	Referenced in the O1/A1 introduction and bibliography. Named or described in O1/A1.
9.	International — Education and resilience reference	Children and Disasters: Building Resilience through Education	unisdr.org/...	International reference on the role of education in children's disaster resilience, preparedness and participation. Useful for: theoretical background and policy justification.	Foundational report. Externally verified or included in a previously verified resource catalogue.
10.	International — Education-system assessment tool	Education System Resilience Scorecard Addendum	mcr2030.undrr.org/...	Assessment resource for examining the resilience of education systems and identifying gaps in preparedness, continuity and recovery. Useful for: authority-level assessment and policy planning.	System-level tool rather than a pupil resource. Externally verified or included in a previously verified resource catalogue.

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11.	International — global policy framework; International — DRR policy framework	Sendai Framework for Disaster Risk Reduction 2015–2030	undrr.org/...	Global framework for preventing new and reducing existing disaster risk through governance, investment, preparedness and resilience. Useful for: policy background and alignment of DRR education.	Referenced across the O1/A1 report. Official UNDRR publication. Named or described in O1/A1. Externally verified or included in a previously verified resource catalogue.
12.	International — public awareness and education; International — Public education and risk communication	Public Awareness and Public Education for DRR: Action-Oriented Key Messages	ifrc.org/.../PAPE-2.0-English.pdf ifrc.org/...	IFRC guidance for designing public-awareness and education initiatives and communicating practical protective actions. Useful for: message design, campaigns and community education.	Referenced in the O1/A1 bibliography. International guidance document. Named or described in O1/A1. Externally verified or included in a previously verified resource catalogue.
13.	International — Research on immersive school preparedness	Immersive Technologies and Digital Games for School Disaster Preparedness	preventionweb.net/...	Research resource examining the educational potential and limitations of extended reality and digital games in school DRR. Useful for: selecting tools and designing programmes.	Background publication rather than a classroom application. Externally verified or included in a previously verified resource catalogue.
14.	International — Risk-informed education guidance	Risk-Informed Education Programming for Resilience: Guidance Note	unicef.org/...	UNICEF guidance on incorporating risk analysis, preparedness, continuity and resilience into education programming. Useful for: system planning and programme design.	International policy and programming guidance. Externally verified or included in a previously verified resource catalogue.

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15.	International — terminology; International — Open educational resource / reference	UNDRR Disaster Risk Reduction Terminology	https://www.undrr.org/terminology	Authoritative terminology resource supporting consistent use of disaster-risk-reduction concepts. Useful for: teacher background knowledge, accurate terminology and glossary work.	Named in the freely available resources section; current link supplied in the second uploaded catalogue. Official international reference. Named or described in O1/A1. Included in the supplied open resources/reference table.

Appendix. Items Retained for Partner Confirmation

Titles retained to ensure nothing from O1/A1 is lost, but which require confirmation before publication as verified resources.

	Theme/Scope	Resource title	Website	Description and educational use	Editorial note
1.	Europe — Unverified project title from O1/A1	Education for Disaster Risk Reduction in Europe (EDU-DRR)	No verified website located.	Presented as a European initiative developing innovative DRR education approaches through curriculum integration, interactive digital tools, hands-on learning and teacher training. Useful for: DRR curriculum frameworks, online modules and school preparedness.	The exact title appears in O1/A1, but no identifiable official project page was located during verification. Retained for partner confirmation and excluded from the verified project count. Named or described in O1/A1.

Publication and maintenance note

Digital tools, project websites and institutional pages change over time. Links marked as archived, secondary, case-study-only or requiring access checks should be tested immediately before classroom use or publication.

For scientific monitoring and hazard information, official national or international scientific services should be used for authoritative conclusions. Secondary aggregators are retained only for exploratory educational use and are identified in the Editorial note column.

For classroom implementation, teachers should review language, age suitability, hazard intensity, accessibility, data privacy, school-network compatibility and emotional safety before use.