



## SRMUN Charlotte

March 26-28, 2021

*Unity: Coming Together to  
Address a Changing World*

### Resolution 1-3

Committee: General Assembly Plenary

Subject: Developing Disaster Risk Reduction and Socio-Economic Resilience Strategies for Natural and Sudden Onset Disasters

Sponsors: Belgium, China, Israel, Lithuania, Mexico, Morocco, Netherlands, Russia, Spain,  
Signatories: Chile, Cuba, Colombia, Denmark, Estonia, France, Germany, Italy, Palestine,  
Sweden, Turkey, United Kingdom,

The General Assembly Plenary,

*Keeping in mind* the United Nations' commitment to multilateral solutions,

*Acknowledging* the harmful effects that natural disasters have on socio-economic stability, especially for vulnerable populations in the Global South,

*Emphasizing* the importance of international cooperation, and global integrated strategies to enhance the prevention of natural disasters,

*Promoting* the EarthShip Academy and its successes in its several in-person and virtual training conferences in Taos and its international conferences hosted in different Member States, through the use of partnerships with academic institutions and volunteer organizations,

*Recognizing* that the strength of a Member State's infrastructure is directly correlated to how emergency responses are carried out,

*Highlighting* the efficiency and cost effectiveness of sustainably developed housing,

*Guided by* the successes of national development relief programs, such as Mexico's,

*Emphasizing* the efficiency of Non-Governmental Organizations (NGOs) such as the Red Cross and Peacekeepers in disaster relief,

*Highlighting* the importance of budget priorities to protect the most vulnerable communities of which experience disproportionate effects from sudden disasters,



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1. *Calls for* better infrastructural preparation in the case of a sudden catastrophes that utilizes materials that are able to withstand the impacts of natural disasters, such as:
  - a. Incorporating funds from the World Bank Loan as well as the Global Facility for Disaster Risk Reduction and Recovery (GFDRR);
  - b. Concrete and plastic insulation from infrastructure damage, collapse due to earthquakes, flooding or water damage;
  - c. Solid pipes, which can bend in the event of an earthquake;
  - d. Building hip roofs which have the ends and sides inclined making them more aerodynamic and thereby more resistant to winds; and,
  - e. Constructing a flexible foundation, with a base that moves during an earthquake, so that the isolators vibrate while the structure itself remains steady; this effectively helps to absorb seismic waves and prevent them from traveling through a building;
  
2. *Encourages* the training of Peacekeepers and NGOs through the United Nations Office for Disaster Risk Reduction (UNDRR) by partnering with the EarthShip Academy and intern programs to build temporary EarthShip homes in the wake of a disaster that:
  - a. Centers training programs around the principles and goals of helping individuals in the aftermath of disaster, and creates strict guidelines to the construction process of EarthShip homes;
  - b. Have EarthShip training programs run by EarthShip's leading experts in every field required in the construction process;
  - c. Earthship philosophy supports world class education and will help to implement construction of EarthShip homes internationally;
  - d. UN Partnered Earthship Academies will be held several times a year in Taos, and in different countries (International Academies) and additionally virtually;
  - e. Earthship homes will help to build permanent structures for individuals below the poverty line during times of refuge due to natural and onset disaster;.
  - f. These homes will:
    - i. Be built to be practically indestructible,
    - ii. Provide clean energy built in to the home,
    - iii. Incorporate the development of agricultural lands for food sustainability,
    - iv. Reduces waste products by recycling old tires for building EarthShip homes,
    - v. Creates clean water to be reused and recycled by filtering through the agricultural lands previously stated; and,



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- vi. Reduce cost of DRR programs due to the fact that they are extremely inexpensive and made of raw and recycled materials;
3. *Recommends* cooperation between the UNDRR and the United Nations Security Council (UNSC) to establish teams of rapid rescue workers to respond to disasters:
    - a. These teams shall be stationed around the world, proportional to a given region's population and proneness to disasters of all kinds;
    - b. The role of the UNSC shall be to direct the operations of each team;
    - c. Each team shall not contain in excess of 500 personnel; and,
    - d. Their duties shall include:
      - i. Implementing a plan that will reunify children and their families after disaster occurred;
      - ii. Developing integrated procedures and regulations in order to prepare and train the evacuation teams to protect most vulnerable groups before, during, and after the emergency;
  4. *Encourages* Member States to enhance and develop Early Warning Systems for various hazards to detect an event's parameters to issue an alert to sites and areas where necessary actions should be taken before destructive impacts of natural and Sudden onset disaster to save lives seismic energy arrivals (at present, large scale Early Earthquake Warning (EEW) systems are operational in several countries around the world):
    - a. Creating IT frameworks, such as the MRPP for regional information sharing, allowing countries in the region to receive real-time updates in the case of a sudden onset disaster; and,
    - b. Initiating a batch of disaster prevention and reduction projects through a number of scientific and technological fields including seismology, geology, oceanography, water conservancy, agriculture and forestry;
  5. *Expands* the function of United Nations Office of the Coordination of Human Affairs (OCHA) to be able to:
    - a. Include private donations from NGOs, regional organizations, and other monetary outlets such as private companies; and,
    - b. Create yearly budget estimations separated by Member State in order to ensure high-risk Member States receive adequate funding from United Nations Central Emergency Relief Fund (CERF), controlled by OCHA; and,
    - c. Encourages the use grassroots funding through the support of the people on regional or global crowdsource funding platforms;



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6. *Encourages* multilateral efforts in order to serve vulnerable and impacted regions in the Global South by:
  - a. Supporting the distribution of vaccinations through previously established partnerships within the United Nations and other NGOs;
  - b. Emphasizing the need for research towards region specific disasters and socioeconomic situations as a more effective way to address the needs for the Global South; and,
  - c. Gain support through utilizing social media platforms to improve grassroots funding and online increasing awareness towards online campaigns.