

Harsh Environment Drone Challenge (HEDC)

For All The Participants

15 January 2025

Secretariat of WRS2025

Harsh Environment F-REI Challenge

1. Opening

"For All The Participants" (hereafter referred to as "this Policy") is designed statement that clearly setting forth our policies, points of note and precautions for HEDC participants and others to ensure their safe participation.

2. Participation

- There is no participation fee.
- The organizers (F-REI, its Secretariat, or HEDC steering committee) will not be liable for any damage to participants, robots, or other equipment in incidents connected with participating in HEDC. All participants/teams are requested to take appropriate safety precautions when participating.
- The organizers (F-REI, its Secretariat, or HEDC steering committee) refuse any responsibility for disputes related to HEDC that may arise between participants, either within teams or between teams, or with third parties.
- Participants are responsible for purchasing their own insurance coverage for all equipment, including robots, in relation to HEDC. In addition, the organizers will purchase drone-specific liability insurance against injury to property or persons of third parties (3 billion yen for bodily injury and 3 billion yen for property damage).
- Participant teams are expected to follow instructions from the organizers (F-REI, its Secretariat or HEDC steering committee).
- Participant leaders and assignees are forbidden from entering as members of multiple teams.
- The number of members of one team is limited to 10 including the people capable of operating drones at the Fukushima Robot Test Field event site as safety personnel.
- During the competition, the organizers and World Robot Summit (WRS) Secretariat or people designated by the Secretariat will take pictures and video of the competitor and robots, which will be used on the WRS official website and various media.

Names of teams participating in this competition, team names, team nationality, and more may also be publicized.

- The organizers may change or cancel the program due to natural disasters or other force majeure, or anything else outside of the organizers' control. The organizers do not take responsibility for any damage caused to competition

participants or others due to this.

- Whether inside or outside the venue, competition participants will care for PCs, robot devices and all other portable devices at their own risk, and the organizer does not assume any risk or responsibility for accidents resulting in accident, damage, injury, death, etc.
- Competition participants are responsible for their own valuables and other luggage. The organizer is not responsible for any theft that may occur during the event.
- The personal information collected by competition participants via survey, etc. by the organizer and the WRS Secretariat will be managed appropriately in accordance with the relevant laws regarding personal information protection. The information will be used to improve the competition design and make the WRS more responsive to the expectations of all participants. The personal information collected will not be provided to any third party.

3. Equipment, including drones, to be used

- There is no cost limit on overall equipment to be used, including drones.
- There is no limit on number of devices, including drones, to be used. However, please take safety into main consideration.

4. Safety precautions

- All equipment, including robots, to be used must comply with the laws and regulations of Japan (Japanese Civil Aeronautics Act and Radio Regulations for UAV Operations).
- To ensure that participant teams can carry out their projects safely, all due concern for safety will be given.
- If participating teams are found to be giving insufficient concern for safety, they may be disqualified from the competition.
- If an accident occurs, please inform the organizers immediately and follow their instructions.

5. Inspection

- Within 7 days before the HEDC Competition, the jury and other authorized people will inspect the aircraft and equipment in order to ensure teams are complying with Japanese law and the competition rules, and they comply operational limitations such as the maximum load weight and whether proof, and are loading

the designated items (wireless devices, location reporting system, automatic inflatable float, parachute), and so on. Teams must undergo inspection before the HEDC Competition. Teams that fail inspection will be disqualified.

- If an inspection reveals any falsified information, teams may be disqualified.

6. Prohibitions

Participant teams are prohibited from engaging in any of the following. Any participant team that violates the prohibitions will be disqualified from participation.

- (1) Hindering progress of HEDC
- (2) Hindering participant teams
- (3) Participating in HEDC in an inappropriate manner
- (4) Disobeying instructions from the organizers
- (5) Intentional destruction of the facilities or equipment
- (6) Engaging in illegal behavior violating laws and regulations
- (7) Infringing on the property or privacy of the organizers, participant teams, or third parties; or engaging in behavior that could result in such
- (8) Any other behavior that is determined to be inappropriate by the organizer, the Secretariat established by the organizer, or the HEDC steering committee.

7. Cancellation

If any of the following occurs, the organizers may cancel HEDC at their own discretion.

- (1) Serious trouble, including accidents or injuries to participant teams or related parties
- (2) Natural disaster
- (3) Any other incidents that the organizers deem sufficient

8. Copyright etc.

- The organizers claim no rights, including patent or copyright, to equipment such as robots or systems developed by participant teams.

9. Media reporting

- We ask for your cooperation in advance with media reporting and interviews.
- Participant teams are responsible for any information they wish to keep undisclosed.

10. Observation

- • Observation is forbidden outside of the seating areas designated by the organizers and secretariat of organizers.

11. This Policy

- This Policy takes effect from the beginning of the application period for HEDC.
- Since this Policy is subject to revision, please check the WRS website for the latest version.

<https://worldrobotsummit.org/>