

Category Selection Disaster Robotics Category ID Number **WRS123456789**

● Challenge Selection Standard Disaster Robotics Challenge

● Team Name WRSWRSWRS

● Affiliation

● Team Members

Leader Name	Member 1 Name
Leader Affiliation	Member 1 Affiliation
Leader Age	Member 1 Age
Member 2 Name	Member 3 Name
Member 2 Affiliation	Member 3 Affiliation
Member 2 Age	Member 3 Age
Member 4 Name	Member 5 Name
Member 4 Affiliation	Member 5 Affiliation
Member 4 Age	Member 5 Age
Member 6 Name	Member 7 Name
Member 6 Affiliation	Member 7 Affiliation
Member 6 Age	Member 7 Age
Member 8 Name	Member 9 Name
Member 8 Affiliation	Member 9 Affiliation
Member 8 Age	Member 9 Age

- Team Intro Video (link)

- (Team) Results from
other competitions

- (Team) Development
Results

- (Team) Awards

Disaster Robotics
Category

Standard Disaster Robotics Challenge

● Team Name

WRSWRSWRS

● Verification of Development Plan

- Strategy

- Technical challenges to face in accomplishing tasks

- Methods for solving the above technical challenges

- Results/knock-on effect of the robot and technology developed (other than accomplishing the task)

- Details of sponsors, or technical advisors (HP etc.)

- Training/practice methods

- Development schedule

● Desired support

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● Estimate of income and expenditure (for purpose of calculating support)

•About the Robot (**※Please create one sheet for each robot that participates.**)

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 Disaster Robotics Category Standard Disaster Robotics Challenge
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● Outline of developed robot (program)	
- Robot Name	
- Image of exterior, CAD drawing.	
- Type of Robot (UGV UAV etc.)	
- Movement Mechanism	
- Robot's total weight	
- Weight when shipping (example of transport)	
- Dimensions when shipping	
- Robot's dimensions (Before/After a competition mission begins)	
- Time needed to prepare (From unloading to being assembled)	
- Time taken to set up (from powering up to moving off)	
- Electricity consumption (Standby/average/max)	
- Battery running time (Standby/Normal use/Bearing heavy loads)	

- Top speed (Level ground/Outside/Uneven ground)	
- Payload (average/max)	
- Arm: At tallest	
- Arm: Payload (largest)	
- Gross weight of battery charger	
- Amount of energy used to charge	
- Charging time (80%, 100%)	
- Battery specifications (Type, voltage, capacity)	
- Battery weight	
- Misc.	
- Manufacturing cost	
- Operating console	
- Transmission type (wired/wireless)	
- Types of sensor (exterior sensors, internal sensors)	
- Type of camera	

- Details of sensor used for environment recognition	
- Details of sensor used for movement	
- Details of software used (OS, package information etc.)	
- Hardware details (Maker, model number)	
- Motor	
- Gearhead	
- Encoder	
- Motor driver	
- DC/DC converter	
- Battery	
- Charger	
- Controller	
- Computer unit	
- Wi-Fi adapter	

<ul style="list-style-type: none"> - Control console specifications (portable dimensions/ dimensions when in use/energy consumption/electrical source specs. Etc.) 	
<ul style="list-style-type: none"> • Special Notes 	
<ul style="list-style-type: none"> - Waterproof/dust-proof (Example entry: IP64 etc.) 	
<ul style="list-style-type: none"> - Energy saving measures (If measures are employed, describe in detail) 	
<ul style="list-style-type: none"> - Explosion-proof 	

Role in Development

Role on the Day of the Competition

ID No. WRS123456789	Leader	Leader
Name		
Nationality		
Area of expertise		<div data-bbox="1276 243 1852 391" style="border: 1px solid black; padding: 5px;"> <p>1/2 page per team member (2 team members per page). Please create another page to add more team members' details.</p> </div>
Accomplishments at robotic competitions.		
Development accomplishments at company or university etc.		
Awards		
Role within this project		
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