
● Challenge Selection Plant Disaster 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 (URL)

● (Team) Results from
other competitions

- (Team) Development
Results

- (Team) Awards

Disaster Robotics
Category

Plant Disaster 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.**)

ID No. WRS123456789

Disaster Robotics Category Plant Disaster Challenge

●Team Name WRSWRSWRS

●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	
- Control console specifications (portable dimensions/ dimensions when in use/energy consumption/electrical source specs. Etc.)	
• Special Notes	
- Waterproof/dust-proof (Example entry: IP64 etc.)	
- Energy saving measures (If measures are employed, describe in detail)	
- Explosion-proof	

Role in Development

Role on the Day of the Competition

ID No.	WRS123456789	Leader	Leader
Name			
Nationality			
Area of expertise			
Accomplishments at robotic competitions.			
Development accomplishments at company or university etc.			
Awards			
Role within this project			
ID No.	WRS123456789	Leader	Leader
Name			
Nationality			
Area of expertise			
Accomplishments at robotic competitions.			
Development accomplishments at company or university etc.			
Awards			
Role within this project			

1/2 page per team member (2 team members per page).
Please create another page to add more team members' details.