

GECMUN 8

Background Guide

InGen: The Jurassic World Board

Breakout of the Indominus Rex

SDG: 9. Industry, Innovation, and Infrastructure

Originally authored by Henry Ko, Olivia Moon, Joshua Park for GECMUN VI

Last updated on October 22, 2021

Committee Introduction

Delegates, welcome to Jurassic World!...only that it is under “maintenance” for now. Every time Jurassic World adds a new attraction, the number of tourists has spiked. Running out of ideas for new attractions, International Genetics Incorporation (InGen) agrees to support a potentially catastrophic project: creating a new carnivorous dinosaur through genetic hybridization. Naming it the Indominus Rex, InGen throws in genes from a variety of animals across the planet, even allowing the hybrid to be invisible to thermal sensors. Designed to be larger than the T-Rex, it seems like nothing will be able to stop the Indominus Rex if it gets loose. And who would expect things to go wrong? After all, this waking nightmare was never meant to be caged. But InGen realizes this too late-- Indominus Rex has already broken free of its chains, and it roams around the theme park by itself, hungrily hunting for food. Now, it is up to the delegates to decide upon the fate of the Indominus Rex and, of course, the Jurassic World.

Reminders

- 1) **Delegates’ Positions:** As a crisis committee, delegate positions are actual characters from the Jurassic Park movie series. Many of them will be from the most recent Jurassic World, but some will be from Jurassic Park. There has been some inevitable mix of characters due to the lack of significant characters in the film Jurassic World. Although some characters may appear to be dead throughout the story (or from previous episodes), all members of the committee would be considered alive when the committee starts. Also, the actions of some characters have been altered to make the original story transition to fit our committee. Remind yourself that you are representing a character and that your stance should reflect your character’s beliefs and characteristics. You can use personal pronouns!
- 2) **Goal:** The delegates must come up with a solution to put an end to the current crisis: the breakout of the Indominus Rex. Keep in mind the possible drawbacks of suggested solutions and how they will affect the future of the park or even the world.
- 3) **Setting:** The committee takes place in an Evacuation Bunker located on the Southeast coast of Isla Nublar. All characters have received news of Code 19: Asset Out of Containment and have evacuated into the emergency bunker for this crisis meeting where they are guaranteed food, shelter, electricity, and communication with the mainland (U.S.A.) for at least a week. All surveillance footage is available in the Central Control Center and the tunnels leading to the Weaponry and the Central Genetics Lab are accessible. All Jurassic World personnel including the Asset Control Unit (ACU) and Central Control Center are available in their current state. The Indominus Rex has run off into the Northern restricted area and all characters are waiting for intel. It is advised to start the committee with suggesting potential solutions for the crisis.

- 4) **Crisis Updates:** This committee will be updated continuously with new crises including key events and casualties. Although it may be Jurassic World personnels, it also may be one of the very characters each delegate is representing. Crisis updates will include, but not limited to, intel, damage reports, government responses, and casualties.

Key Terms

InGen: InGen (International Genetics Incorporation) is a bioengineering company founded by John Hammond. After extracting the DNA information of extinct animals in amber, this company performs research to recreate the extinct creatures. InGen opened Jurassic Park.

Isla Nublar: Isla Nublar is an island off the coast of Costa Rica. It is an island about 120 miles off the west coast of Costa Rica, 87 miles away from Isla Sorna. The island is 57 km² (22 mi²). Isla Nublar means “clouded island”, the only island with cloud forests in the eastern Pacific.

Tun-Si: The Tun-Sir are a tribe that originally inhabited Isla Nublar. They were evacuated from the island for the purpose of forming the new theme park, Jurassic Park. The tribe is part of the Bribri people, the indigenous people of Costa Rica.

Paddock: Paddock is a small field or enclosure where creatures are kept or used for exercise.

Alpha: Alpha is considered a leader of a military group or a pack.

IBRIS Project: IBRIS Project is also known as Integrated Behavioral Raptor Intelligence Study which was a program to study the intelligence of Velociraptors. The IBRIS project led to the utilization of trained raptors.

Genetic Hybrid: Referring to an artificial species which embodies genes from different species, genetic hybrids are species that are unprecedented. The Indominus Rex is a result of a variety of gene mixing which allows it to be “bigger than the T-Rex,” camouflage, and even evade thermal cameras.

Code 19: Asset Out of Containment: As one of the emergency action codes in case of crisis amongst the Jurassic World personnel, Code 19 is one all employees dread. Treating all of their dinosaurs as “assets,” “Asset Out of Containment,” a dinosaur has escaped captivity and went loose.

Asset Control Unit (ACU): Also known as the security team, the Asset Control Unit controls dinosaurs in case of a crisis. Composed of former elite soldiers, this unit is known to deal even with large aggressive dinosaurs within the park skillfully. However, facing the Indominus Rex is troublesome even for them and they must learn how to deal with such a dinosaur they’ve never seen.

Central Control Center (CCC): The Central Control Center is the main surveillance / control room for Jurassic World. Intel should come from this location. Possible damages to the park and status of evacuation can be known from the CCC.

Contextual Background

Jurassic World and its Key Locations

The following locations are ones that will be referred to most frequently throughout the debate. If the delegate wishes to see a better description or function of them, the locations are shown in the most recent film, The Jurassic World.

The Island

Jurassic World is located on Isla Nublar, a fictional island about 190 km off the west coast of Costa Rica. Isla Nublar's surface area is about 57 km², and its name has the meaning "Cloud Island." The shape of the island gets narrower until the tip of it, looking like a reversed teardrop. The island's landscape is very diversified, having a range of highlands, or the Western Ridge, and several rivers streaming towards the east. The northern part of the island also has a lot of mountains, most of them being volcanic. There are electric fences around various parts of the island, and the park's energy is supplied from power plants around the island. The island is also known to have remains of facilities and park structures from when InGen tried to construct the Jurassic Park (refer to the 'History of Jurassic World' section of this report for more information.)



- a. The Gate : The Jurassic World Gates is the entrance to the whole park. Its location is in the South West part of the island, and is also where the monorail for island tours departs every 20 minutes.

- b. The Hammond Creation Lab: This is like the heart of Jurassic World, for it is where the DNA is assembled, extracted, and cloned to make new dinosaurs. It is located in the middle of the island.
- c. Raptor Paddock: This is where raptors, the most intelligent species, are kept. There are trainers that always stay near the paddock to control them. With caged walls and strong protection systems, the paddock is located on the eastern side of the island.
- d. Gyrosphere Field: In this western part of the island, people can ride Gyrospheres (glass balls) to see docile dinosaurs- Apatosaurus, Parasaurolophus, Stegosaurus, Triceratops- up close. The spheres can move at 5 mph, have monitors that tell people what dinosaurs are near, and also systems implanted to move the spheres if they are too close to the dinosaurs. There are invisible fences in this field to keep the dinosaurs from moving away.
- e. The Main Street: The Main Street, like its name, is located in the center of the island. Always crowded, the street is full of restaurants, shops, hotels, and cafes. The most important location here is the Visitor Center. Inside, there are lots of facilities for new tourists, like dinosaur holograms, Hammond statues, and other displays.
- f. The Lake: This artificial lake is where Mosasaurus, a humongous predator that weighs about 14,000 kg, stays. There is a feeding show every 2 hours, and is known as one of the biggest splash zones. The lake is surrounded by a huge amphitheater for people to sit. It is located in the center of the island.

Forbidden Area: The northern sector of the park is strictly forbidden for tourists, as that is where the remains of Jurassic Park is known to be in, and also where the Indominus Rex is known to be.

Dinosaur Species

Carnivores

- a. Indominus Rex
- b. Mosasaurus
- c. Dimorphodon
- d. Metriacanthosaurus
- e. Suchomimus
- f. Pteranodon
- g. Tyrannosaurus-rex

- h. Velociraptor
- i. Baronyx

Herbivores

- a. Pachycephalosaurus
- b. Ankylosaurus
- c. Triceratops
- d. Edmontosaurus
- e. Stegosaurus
- f. Apatosaurus
- g. Parasaurolophus
- h. Microceratus

Omnivore

- a. Allimimus

Available Resources

The available resources for characters in this crisis situation are stated in the 'Setting' section of the Introduction to the Committee. That includes basic facilities of the bunker (food, water, communication, and electricity). Locations that are currently within reach are: Central Control Center (and their surveillance cameras), the Weaponry, and the Central Genetics Lab. However, there are some important notes for the delegates to consider when brainstorming ideas for ways to deal with the crisis:

- a) All of these resources are not guaranteed over time. Any of these resources might be 'gone,' or 'not available,' over the process of the committee, according to the type of crisis delegates face.

Individual resources can also be used. The resources mentioned above are for the whole committee, but if the delegate wishes to proceed and engage in an individual project, scheme, or plan, the delegate may use the resources that are available to your character. They have to be reasonable, logical, and most of the time backed up by the movie or your character's background information. For example, if you are a scientist, you will be able to use the research facilities, conduct tests, or work with materials in the Genetics Lab. Use your creativity, but be realistic!

Historical Background

The Beginning

The idea of a dinosaur theme park originally began with Jurassic Park, not Jurassic World. With his own idea to clone dinosaurs from preserved DNA of fossils, Dr. John Parker Hammond founded the International Genetics Corporation, or InGen. After a process of searching for an isolated location, the government of Costa Rica agreed to give the island of Isla Nublar, which dislocated all the natives who lived there, the Tun-Si tribe. However, after almost completing the construction of park facilities on the island, Hammond's first attempt to open a dinosaur theme park failed after an accident.

Jurassic Park 2

The film takes place in Isla Sorna, another island InGen owns and is near Isla Nublar. Also named "Site B," this island was used to breed dinosaurs for the park, but was shut down when its security systems were breached by a hurricane. After Jurassic Park 1, Hammond has been impeached from the title and power as the InGen CEO. As the new CEO of InGen initiates a project to set up a dinosaur park in San Diego, U.S.A., Hammond thinks of ways to regain his reputation and objects to this new CEO's notion of keeping dinosaurs in captivity. Knowing that Isla Sorna is now an island where dinosaurs roam freely around, Hammond sends his team to capture footage of dinosaurs in the island and how they are content with where they are and should not be dislocated. Despite such efforts, InGen successfully captures a Tyrannosaurus Rex and ships her to San Diego. However, The angry T-Rex obliterates the crew and causes disasters in San Diego. Although Hammond's team manages to confine the T-Rex in the ship, some parts of the city are left devastated.

Note how this incident might affect how the citizens of not only San Diego, but also the world may view the idea of having a dinosaur park.

Jurassic World

After an unknown amount of time, the new CEO of InGen managed to open a larger scale theme park on the southern part of Isla Nublar, named Jurassic World. The park first opened with eight species in the island, however, because more profit was made when dinosaurs were added, the number of species soon increased to twenty. From 2005 to 2015, the number of tourists skyrocketed, with some days having close to 20,000 visitors.

Timeline of Events

The following events are in chronological order, and they are important plot points of the film that this committee is based on, The Jurassic World. The committee will assume that these events have already occurred, so these events must always be taken into consideration when making decisions.

1. Jurassic World has resurrected as the new theme park.
2. The theme park is extremely popular, hosting about 20,000 visitors per day.
3. However, due to the decline in profits from 2011 to 2013, the CEO board decided to create a new genetic hybrid predator, the Indominus Rex.
4. A few weeks before the exhibition of I.Rex is opened, Simon Masrani, the owner of this park, asks Owen Grady, a military veteran, about the security systems for the I.Rex paddock.
5. Owen points out the risks of isolating the Indominus Rex.
6. The staff then learns that Indominus Rex is missing from its paddock, and two staff members enter the zone with Owen.
7. Indominus Rex, capable of camouflage and masking its heat signature, appears and devours the two staffs, allowing Owen to barely escape.
8. Despite Owen's order to kill the dinosaur, a specialized unit is sent to capture it instead.
9. The unit is slaughtered, and the dinosaur is known to be in the island's northern sector.
10. The northern sector is declared as the restricted area, and everyone in that region is told to evacuate.

Stances of Parties

Chair: Simon Masrani (CEO of Masrani Global & Owner of Jurassic World)

After acquiring the failing InGen, Masrani established the Jurassic World theme park of today. Recruiting leading genetic researchers like Dr. Henry Wu and appointing Vic Hoskins, Masrani spent his fortune and devoted a long period of his life in rebuilding John Hammond's dream: building a dinosaur theme park. Although he is the owner of Jurassic World, his power diminished in the current state of crisis due to shareholders of InGen being concerned for the park's future.

Nick Van Owen

Nick Van Owen is a well-traveled and experienced documentarian. He formerly worked for Nightline (a late-night news program broadcast by ABC in the United States) and visited countries like Rwanda and Bosnia. He was recruited as part of a research team traveling to Isla Sorna (an island close to Isla Nublar) to document the dinosaurs there. He is experienced in many combat situations and also was an active environmentalist and a member of Earth First! (a radical environmental advocacy group) organization.

Dr. Ian Malcolm

Dr. Ian Malcolm was invited to Jurassic Park as an insurance consultant. He is a mathematician who specializes in a branch of mathematics known as "Chaos Theory". His theory allowed him to predict that the island (Jurassic Park) will quickly proceed to behave in an "unpredictable fashion" and that it was "an accident waiting to happen". While his colleagues were impressed by the Park's ability to control the animals they were breeding, Ian remained skeptical, explaining to his colleagues that "life finds a way".

Roland Tembo

Roland Tembo is an excellent hunter (regarded as the best of best) as he was a big game hunter from Mombasa, Kenya. He joined the expedition to Isla Sorna to capture dinosaurs because he was so bored of his continuous success in hunting. He is uninterested in money, and he made sure the men under his command performed only to the very best of their ability, making no mistakes.

Dennis Nedry

Dennis Nedry is a worker of InGen but is actually a spy working for Biosyn, a rival company of InGen. He was originally a computer programmer at Jurassic Park, but due to his financial problems and low salary, he decided to smuggle dinosaur embryos off the island. In order to gain access to the embryos, he shuts down the power of the whole island. This turns off the security system of the island and frees all the dinosaurs.

Dr. Henry Wu

Dr. Henry Wu is the geneticist that recreates the dinosaurs in Jurassic Park. He is the chief genetic engineer of InGen. As a prodigy and an only child from Ohio, he gained early attention from his undergraduate thesis at MIT. He proposed that they could start to fill in the missing parts of the dinosaur genomic (DNA) with DNA from other reptile species. This contributes to the construction of a new hybrid species, Indominus Rex.

Donald Gennaro

Donald Gennaro is the general counsel for InGen. He was a lawyer who represented the investors of John Hammond's Jurassic Park. He accompanied the team on the weekend trip to Jurassic Park for the purpose of inspecting the park's viability and security. Donald Gennaro gets killed by the Tyrannosaurus while he is in the public toilet of the park. The Dinosaur bites down on his upper body, lifts him off the toilet, and devours him.

Dieter Stark

Dieter Stark is Roland Tembo's second-in-command. He is not respected by Stark as much as Ajay Sidhu is. Unlike the other characters, he is typically cruel to the dinosaurs, mainly the Compsognathus (he attacks the dinosaur with a taser to scare it off). He gets into a brief fight with Nick Van Owen and he walks away from the group after telling Carter he needed to use the bathroom. He gets killed by a pack of Compsognathus.

Robert Muldoon

Robert Muldoon was Jurassic Park's game warden. He is proficient with weapons and is a skilled hunter. He has been working with Hammond for a considerable amount of time and has gained Hammond's confidence. He is an alarmist, constantly giving attention to what is going to happen next. He warns about the raptors (Velociraptor) and also warns about the tropical storm which was about to hit Isla Nublar.

Owen Grady

Owen Grady, a previous member of the U.S Navy, is a dinosaur researcher employed by Jurassic World, conducting behavioral research on Velociraptors. He became the alpha of a Velociraptor pack (Blue, Charlie, Delta, and Echo). Three weeks before the Indominus rex Paddock became open to the public, he went to check the paddock for any security breaches.

Vic Hoskins

Vic Hoskins is the leader of Jurassic World's private security force. He led the InGen Security Division in terms of developing an advanced security measure to protect the visitors from the dinosaurs. He also gained partnership with the United Nations Security Council. He had been participating in InGen Security's IBRIS Project (Integrated Behavioral Raptor Intelligence Study : A program to study the intelligence of Velociraptors).

Steven Brown

Steven Brown is an assistant manager of Jurassic World. He supervises the closed-circuit television (CCTV) in the command center to ensure the safety of tourists. He has main control over the gates and the security walls for the dinosaurs. He is the only one who has access to the gateways and the Indominus Rex paddock of the 'Restricted Area'. He was also part of InGen Security's IBRIS Project and he showed great concern toward the safety of the project.

Questions to Consider

1. What should be the main goal and priority of the committee? Is it to acquire financial profits? Protection of all tourists? What basis should everyone in the committee share when approaching this issue?
2. How is the committee going to react to international responses? Will media exposure be minimized? To what extent will this breakout be publicized, or should it not be revealed even to the theme park tourists, who are currently unaware of the breakout?
3. What could the committee do when current resources and facilities are not available? What are potential ways to prepare for a crisis that directly affects the committee members?

Question for Individual Characters:

1. The two most prominent responses to a loose dinosaur are: one, to put it back under control using security systems, or two, killing it to prevent further losses. Is there a type of response your role prefers.
2. How does the delegate's individual need support or limit the decision of the committee?
3. In what ways could the delegate effectively utilize his or her own resources and influence to contribute to the crisis? Is the delegate specialized in certain areas of the situation? If so, will it be a better choice to just focus on those areas (e.g. military security, control of media, policy making, evacuation)?

Possible Solutions

Before reading the possible solutions, it is important to note that there is no right answer as to what outcome is produced at the end of the committee. Note that these “Possible Solutions” are merely suggested solutions. Delegates can freely develop their ideas based on these suggested solutions or come up with their own creative solutions. Delegates are free to cooperate with the whole committee and try to achieve a plausible long-term solution to solve this issue presented. However, if the situation requires, the delegates may also have to disagree on certain matters and debate to reach a compromise point.

The following lists are some possible solutions the chairs have come up with:

1. **Usage of the nuclear weapon:** Nuclear weapons are a double-edged sword. The disadvantages are extremely clear. They will completely demolish the island and the habitats living on it, and even the surrounding countries and their marine ecosystem. However, it is also a way to completely guarantee and ensure the death of the Indominus Rex and is time efficient. Would the risks outweigh the possibility of getting rid of Indominus Rex? Furthermore, if this is the solution delegates seek for, international security organizations (e.g. the United Nations) and other countries will inevitably become involved. It is an important matter for the delegates to consider.
2. **Cooperation of military forces:** If different countries are able to gather their military under one agreement or unified objective of killing the Indominus Rex, Indominus Rex might be successfully terminated. However, this also holds elements of doubt-- how much casualty (human life) would it cost, and how could different countries agree to join the military?
3. **Prioritize evacuation:** If the whole theme park shuts down its current operation and activates emergency protocol for evacuation, the lives of the people will be secured. How many ships are available for evacuation? Where will the people be while waiting for their ship to escape the island? What about the theme park (as it goes out of control it would be abandoned if everyone escapes the island)?
4. **Indefinite Shutdown of Jurassic World:** Following Jurassic Park’s footsteps, Jurassic World could be shut down and denied public access. The Indominus Rex will be left in the park along with all the other dinosaurs forever. Humans will realize once again the overwhelming power of prehistoric creatures and how they cannot be controlled. However, what about the immense financial fundings poured into the creation of Jurassic World? Would it be a wise choice to only temporarily suspend the theme park?
5. **Not killing the Indominus Rex:** Some committee members might see the dinosaur as a valuable possession, an unprecedented technology in the scientific field but also an economic asset to the company of InGen. If it disappears, and the park’s future is not guaranteed, how will the company survive?

Bibliography

“Dinosaurs, Characters & Movie Intel.” Jurassic World, Universal Studios and Amblin Entertainment, Inc, www.jurassicworld.com/intel.

“Discover The Different Types Of Dinosaurs With Pictures & Facts.” Active Wild, Active Wild, 12 Nov. 2016, www.activewild.com/types-of-dinosaurs/.

“Jurassic Park Wiki.” Jurassic Park Wiki , FANDOM Movies Community, jurassicpark.wikia.com/wiki/Jurassic_Park_Wiki.

“Jurassic World (Film).” Jurassic Park Wiki, FANDOM Movies Community, [jurassicpark.wikia.com/wiki/Jurassic_World_\(film\)](http://jurassicpark.wikia.com/wiki/Jurassic_World_(film)).

“Jurassic World Quotes.” IMDb, IMDb.com, www.imdb.com/title/tt0369610/quotes.

“The Lost World: Jurassic Park (Film).” Jurassic Park Wiki, FANDOM Movies Community, [jurassicpark.wikia.com/wiki/The_Lost_World:_Jurassic_Park_\(film\)](http://jurassicpark.wikia.com/wiki/The_Lost_World:_Jurassic_Park_(film)).