

Appendix NR. 1 – Photographs

You can download the chosen photograph [here](#)



Life Jackets on the Sleep Fatigue,
Muhammad Amdad Hossain,
2019.

By courtesy of Muhammad
Amdad Hossain.



And Life Rises, Younes Khani,
2017.

By courtesy of Younes Khani.



Evia on Fire, Konstantinos
Tsakalidis, 2021.

By courtesy of Konstantinos
Tsakalidis.



Umka 2021 Expedition to Franz Joseph Land in the Arctic Ocean, Grigorov Gavriil, 2021.

By courtesy of the photographer and Environmental Photographer of the Year.



Wintergreen, Alexander Kaiser, 2021.

By courtesy of the photographer and Environmental Photographer of the Year.



From Trash to Hope, Milton Luiz de Lima Junior, 2021.

By courtesy of the photographer and Environmental Photographer of the Year.



Behind The Taj, Hoang Long Ly, 2023.

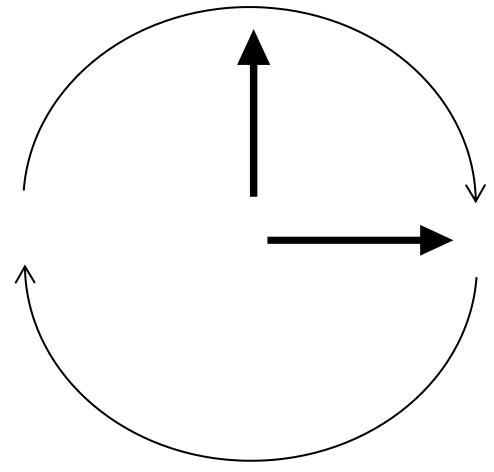
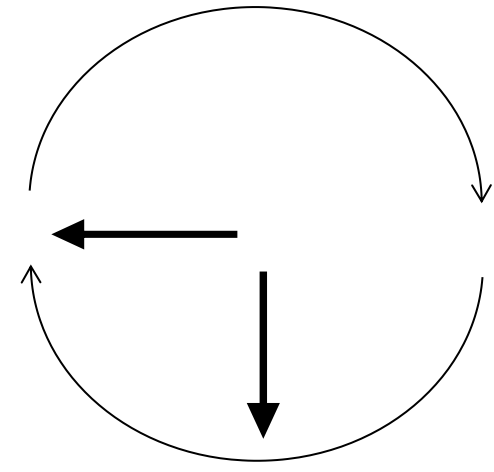
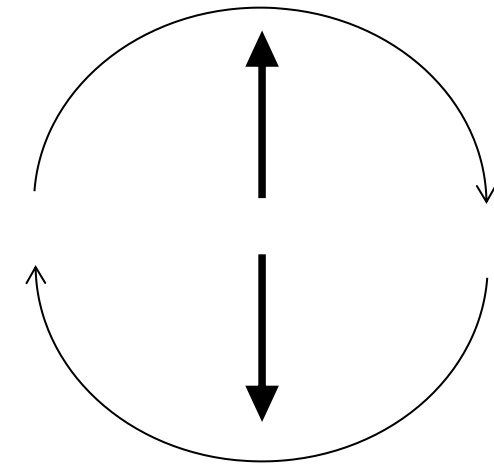
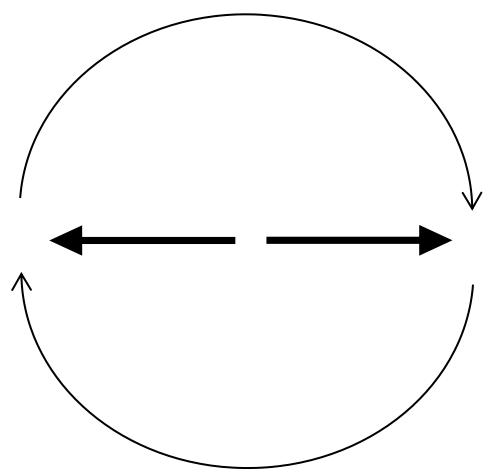
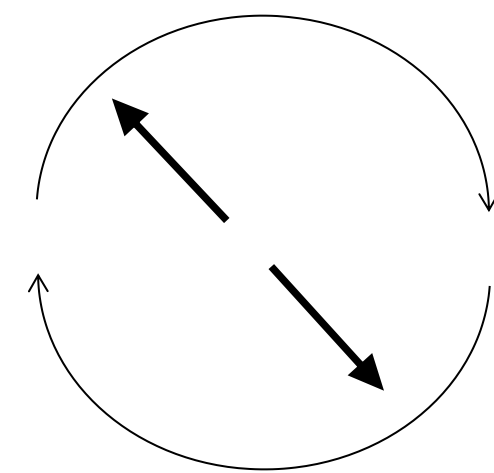
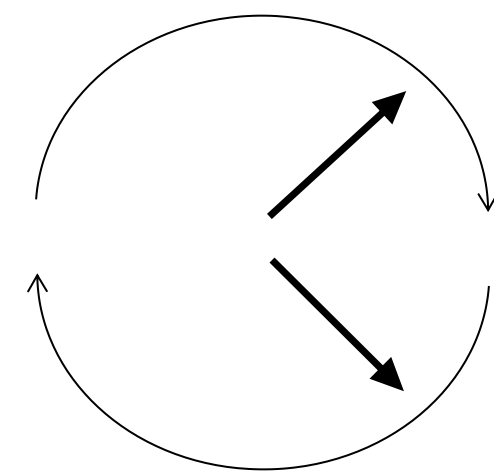
By courtesy of the photographer and Environmental Photographer of the Year.



Lützerath III, Ingmar Bjoern Nolting, 2023.

By courtesy of the photographer and Environmental Photographer of the Year.

Appendix NR. 2 – Cards

		
		
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Appendix NR. 3 – Dilemmas

Dilemma 1 – Pandemic Panic

Three months ago, a pandemic broke out within the Netherlands, and the entire country is in disarray. People are confined to their homes, hospitals are overcrowded, and the air is thick with built-up tension. Everybody seems to have a different idea about what to do and how to do it, and nobody is listening to anyone else. Unless an agreement on the best way forward is reached soon, chaos will surely erupt—with violent consequences.

Instructions: before coming to the design-session, read through each of the character profiles in this document and choose two to fill out in more detail. Choose 1 Nature, 2 Drives, and answer each of the questions. Remember to bring this document with you to the design-session!

List of characters

1. The health worker
2. The citizen
3. The policymaker
4. The business owner
5. The law enforcement agent
6. The journalist
7. The junior scholar

Character descriptions

The Health Worker

You are a medical professional working within the hospital apparatus. You spent many years training and studying to attain your position, but nothing could have prepared you for the sheer pandemonium that has erupted over the past few months. You are doing your best to cope, but you're exhausted every day, nobody is sure what to do, and more and more people are falling sick. Drastic actions need to be taken before the entire medical institution collapses upon itself.

Questions to consider:

- What is your role within the hospital apparatus? Are you a nurse? A doctor? A surgeon? A medical officer?
- What is your personal situation (consider social/cultural/economic/geographical upbringing, home situation, ideological/religious/political alignment, wealth, age, (dis)ability, mental wellbeing etc.) and how is it impacted by the pandemic?
- What was your motivation for working within the health sector?
- What aspect of the pandemic do you struggle with most?
- What are your attitudes towards the other parties?

Nature (choose 1):

- **Martyr:** as a health worker you feel that it is your duty to sacrifice yourself for others. So long as people need help, you will be there to provide it, regardless of the cost.
- **Grounded:** if there's one thing you've learned, it's that people are overly idealistic—sometimes dangerously so. You need to keep them grounded in reality.

Drives (choose 2):

- **Protection:** you want to keep those around you and others safe and healthy.
- **Loyalty:** you've always done well by listening to your betters, and you don't intend to change that now. The higher-ups know what they're doing.
- **Discovery:** this is a unique opportunity to learn something—about society, about diseases, about the hospital apparatus—and you're not going to let it pass you by.
- **Self-worth:** you want to feel as though you're accomplishing something with your life—what better way than helping people?

The Citizen

Up until a few weeks ago you were living life as usual, but all of a sudden you're stuck inside, fearing for the lives of your family, your friends, and yourself, with nothing to do. Everything seems to be going wrong at once—people are sick, people are protesting, people are angry. Maybe you are as well; maybe you're just scared. However you feel, the thing you want more than anything is clarity: a plan of action, a way forward. If neither of those are forthcoming, you may just have to make one yourself.

Questions to consider:

- What is it that you find most difficult about being in quarantine? The isolation? The restriction of your freedom? The uncertainty of what the future will bring?
- What is your personal situation (consider social/cultural/economic/geographical upbringing, home situation, ideological/religious/political alignment, wealth, age, (dis)ability, mental wellbeing etc.) and how is it impacted by the pandemic?
- What do you think that the authorities (the government, the health experts, the universities, the police, etc.) should be doing? Are they already doing it?
- Do you work, and if so, what do you work as? Is it deeply affected by the quarantine? Can you continue to make a living from home?
- What are your attitudes towards the other parties?

Nature (choose 1):

- **Law-abiding:** with all the chaos going on, you figure that the best thing to do is keeping your head down and doing as you're told to keep others safe.
- **Activist:** being stuck inside your home is no excuse for complacency. Someone needs to bring people's attention to all the wrongs in the world.

Drives (choose 2):

- Discord: if the pandemic has shown you anything it's that people turn into sheep in times of chaos. They need to be reminded that chaos can be a force of change in the right hands.
- Community: now, more than ever, everyone needs to come together to support one another. You're only going to get through this by setting aside your differences.
- Freedom: you refuse to blindly follow order from some higher authority. It's clear that they don't have your best interests in mind.
- Protection: you'll do anything—and you mean *anything*—as long as it keeps you and your loved ones safe.

The Policymaker

You are a policymaker, a member of government to whom falls the responsibility of organising and mobilising the country. To some, the laws and measures that you implement will save the country; the others they will constitute a fundamental violation of their rights and wills. Keeping the two balanced whilst simultaneously maintaining control seems like an impossible challenge, but you know that you're up to the task.

Questions to consider:

- What do you think is best for the country? And how far are you willing to go in pursuit of this goal?
- What is your personal situation (consider social/cultural/economic/geographical upbringing, home situation, ideological/religious/political alignment, wealth, age, (dis)ability, mental wellbeing etc.) and how is it impacted by the pandemic?
- What groups of people oppose your policies? Who is discontent with your decisions?
- What ideology did you follow before the pandemic broke out? Do your current actions come into conflict with its values?
- What are your attitudes towards the other parties?

Nature (choose 1):

- Populist: if you want to make changes in society, you need the support of the people, and the people want reassurance. So long as you say the right thing and keep everyone happy, you will have the power to facilitate active change.
- Radical: you are a lonely voice within the governmental body, advocating for ideas and measures that no-one has even considered yet—or maybe they simply didn't want to. But with 'conventional solutions' proving ineffective, more and more of your colleagues and the public are turning to you in the desperate hope that you might know best.

Drives (choose 2):

- Ambition: for many years now you've been at the bottom of the pecking order, unheard and ignored. Now, with everyone panicking, you wish to stand up and take the wheel.

- Infamy: the most important thing in politics is to speak loudly. As long as people can hear your voice, they'll be thinking about you and your ideas.
- Order: there has been no other time in recent history when a single will was more sorely needed. All of the members of government and society need to set aside their differences to confront this pandemic—the consequences can be dealt with later.
- Justice: there are people who are being wronged and harmed by this entire affair, and you will not rest until this injustice is addressed.

The Business Owner

You specialise in managing and directing a business. Maybe it's a single shop; maybe it spans the country. What's certain is that the pandemic has completely upended business as usual and you are scrambling to find your feet. Employees are demanding changes in working practices, customers are angry, and navigating the bureaucratic procedures of what you can and cannot do is a nightmare. But it's not all doom and gloom: with drastic change comes new demands, and demand can always be met with supply—provided you're canny enough.

Questions to consider:

- What kind of business do you direct? How large is it in scale?
- What is your personal situation (consider social/cultural/economic/geographical upbringing, home situation, ideological/religious/political alignment, wealth, age, (dis)ability, mental wellbeing etc.) and how is it impacted by the pandemic?
- How has your business been affected by the pandemic and quarantine? Have they been obstacles or opportunities for you?
- What does your business require that it is currently missing? How could you go about acquiring this desired result?
- What are your attitudes towards the other parties?

Nature (choose 1):

- Wily: the business world has always been a savage fight for dominance, and that's only been exacerbated now. You're not afraid to get your hands dirty if you think it will give you an edge—something you need now more than ever to stay afloat.
- Placating: you know that a business thrives on the contentment of its employees and customers, and so you're determined to do whatever it takes to keep them happy—even if it damages the business in the long run.

Drives (choose 2):

- Greed: you started this line of work for one reason: to make money. And that's exactly what you intend to do, no matter the cost.
- Development: you have a chance to make a real impact on people's lives; if you play your cards right, you can help to alleviate some of the pressure of the pandemic.

- Freedom: the current restrictions imposed by the government on the business sector are ostensibly for safety, but they may well be the prelude to stricter control measures in the future. You're going to fight to make sure the economy stays open.
- Principles: you follow a code, a set of practices that you adopted when you first got started in this industry. Times and conditions may have changed, but the way you do business has not.

The Law Enforcement Agent

You are in charge of enforcing a policy, so you are also affected by the curfew and "illegal" gatherings. Because of your job, the public gets angry at you when you enforce these policies. You are just following orders because this is the job you have signed up for, but you also have your personal doubts about the situation.

Questions to consider:

- What kind of law enforcement agent are you (e.g., a uniformed officer, a police captain, a border patrol officer, a traffic officer)? How high up the hierarchy of commands are you?
- What is your personal situation (consider social/cultural/economic/geographical upbringing, home situation, ideological/religious/political alignment, wealth, age, (dis)ability, mental wellbeing etc.) and how is it impacted by the pandemic?
- How is your specific sector affected by/involved in enforcing regulation concerning the pandemic?
- What is your opinion about your tasks and responsibilities as a law enforcement agent?
- What was your motivation for working within the law enforcement sector?
- What aspect of the pandemic do you struggle with most?
- What are your attitudes towards the other parties?

Nature (choose 1):

- Dutiful: the law is the truth. They follow orders and believe in the value of the law defender of the cause (the innocent, the common man).
- Cynic: the law doesn't work. It lacks a human touch (cannot be the same for everyone), You are not passionate about it; it's just a job.

Drives (choose 2):

- Ambition: you do everything to make a career.
- Justice: your goal is to protect the innocent and catch the bad guys, even if this sometimes means you're traversing the fringes of the justice system.
- Loyalty: you feel an inherent loyalty to your job, your superiors, and your colleagues.
- Thrills: you're in it for the thrills of the job.

The Journalist

As a journalist, you are responsible for holding those in power accountable and making sure decisions are made transparently. But you're also in an ethical pickle since you do not wish to undermine authority in a time of distrust and polarisation. You notice that your decisions to write about certain things and not about other things matter more than ever. You also struggle with the fall-out over certain reporting (you've had emails from angry readers/viewers etc.), and the rise of fake news media and their alternative truths. You would like to keep your public engaged but you realize they are slowly tuning out.

Questions to consider:

- What kind of journalist are you (radio, tv, newspapers; investigative journalist, current affairs journalist, science journalist; mainstream news outlet or alternative/independent)?
- What is your personal situation (consider social/cultural/economic/geographical upbringing, home situation, ideological/religious/political alignment, wealth, age, (dis)ability, mental wellbeing etc.) and how is it impacted by the pandemic?
- How do your personal ideologies (and views on the pandemic) impact your reporting?
- What are your attitudes towards the other parties?

Nature (choose 1):

- **Rebellious:** you feel it's your job to speak truth to power. It's your moral obligation to reveal and question the circumstances of our social reality and help shape/turn that reality away from the current status quo towards a more sustainable future.
- **Objectivist:** although you're aware of the problems with neutrality, you're convinced that if you let the facts speak, you can avoid ideology. As such you are meticulous in your reporting, making sure you cover all angles of an issue.

Drives (choose 2):

- **Truth:** you started this line of work to find the truth. You actively and meticulously do your research so that you can confidently differentiate between what is true/false.
- **Fame:** increasing your readers, making a name for yourself.
- **Justice:** you are keen to achieve justice for those who've been wronged, or at least to make sure that the whole story comes out and those involved are held accountable.
- **Pleasure:** you simply enjoy the procedures involved in your job irrespective of what you're reporting on.

The Junior Scholar

As a scholar relatively new to your field, you increasingly feel like you have a role to play in the upheaval caused by the pandemic, but you're still struggling to understand what exactly that is. You realize you are in a position to offer advice or help, and feel the need to become part of the public discourse on the pandemic. This could be small scale (sharing thoughts with friends and family) or large scale (actively seeking (social) media platforms that will help to amplify your voice to a larger audience). While you have knowledge worth sharing, you also realize that that

knowledge is limited to your field of research and might not align with perspectives from other fields. You are also wary of the fact that your help or advice can be taken the wrong way, may not be believed, or even exacerbate social or political polarisation. As such, your desire to offer help or advice is also mitigated by the fear of an undesirable public response.

Questions to consider:

- What kind of scholar are you? What is your field of research? And how is your field involved in the pandemic (i.e., what is the expertise you have and how does that expertise relate to the pandemic)?
- How do you think your field of research and you within that field of research might be able to help in the pandemic?
- What are the type of questions related to the pandemic that you are trying/able to answer?
- How is your personal situation impacted by the pandemic and how may this in turn impact your position as an expert in the public debate?
- What are your attitudes towards the other parties?

Nature (choose 1):

- Extrovert (firebrand): you are keen to speak up. Your mission is to fill a knowledge gap to help tackle the pandemic. This may rub people up the wrong way.
- Peacemaker/pleaser: while you have knowledge to offer, you are also keenly aware of the fact that your knowledge is limited to your own field of research and that you are too unaware of other (likely also valuable) perspectives. This makes you more hesitant to speak up or take a strong position on a pandemic related matter.

Drives (choose 2):

- Truth: you believe in the value and truth of your own disciplinary expertise (positivist)
- Renown: you are keen to have an impact and make a name for yourself
- Ideologist: you think critically. Research is never neutral, and its role is to speak truth to power.
- Knowledge: you see the pandemic as an opportunity to gain knowledge.

Dilemma 2 – Land Grabs

A plot of rural land was recently bought from the government by a burgeoning corporation as part of their expansion efforts. However, shortly after this purchase, a sizeable group of refugees fleeing a crisis settled on the land, finding themselves detained and unwelcomed everywhere else. The corporation cannot use the land, which cost them a significant amount, as they intended so long as the refugees are staying there. In addition, the plot is home to a rare natural phenomenon that is rapidly being damaged by the refugees' residence. A group of activists has been petitioning the government to protect this phenomenon by designating the land as a nature reserve for many years, and recent events have only intensified their efforts—some are contemplating taking more extreme measures. Finally, the plot of land is a place of cultural significance to a local indigenous community, who were driven out of it by the government several years ago. They are demanding that they be allowed to return and live there.

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List of characters

1. The business representative
2. The refugee
3. The activist
4. The Indigenous Person

Character descriptions

The Business Representative

You are a white-collar worker who has dedicated a significant portion of their life to ensuring that the business you work for thrives. The purchase of this plot of land was a gamble, the opportunities it afforded justifying its steep price. If your business cannot put it to its intended use soon, it will likely go bankrupt, and many people will lose their jobs and livelihoods.

Questions to consider:

- What type of business do you work for? Agriculture? Oil drilling? Construction?
- What do they want to use the land for?
- What inspired you to start working there?
- What are your attitudes towards the other parties?

Nature (choose 1):

- Dutiful: you've been given a lot of responsibilities in the past, and you've always made sure that you fulfilled them.
- Schemer: you always have a plan up your sleeve, usually one best kept secret from others.

Drives (choose 2):

- Ambition: you can see a bright future ahead of you—you just need to grab it.
- Greed: you joined this company to get rich, and that's exactly what you intend to do.
- Development: your company aims to make the world a better place, and you know that it could be revolutionary if given the chance.
- Loyalty: you were in a rough spot until you started working at the company, and they've treated you well ever since.

The Refugee

You are a refugee who has lost their home to a crisis and finds the uninhabited wilderness to be the only place that they are welcome. You know that if you and your community are forced to relocate again you might not survive; winter is drawing closer, and there isn't enough food on the road. You need to convince everyone who objects to your existence to either leave you alone or do something to help you.

- What crisis were you fleeing? War? Famine? Environmental degradation?
- What kinds of challenges does your community face?
- Why are you unwelcomed in the towns and cities?
- What are your attitudes towards the other parties?

Nature (choose 1):

- Advocate: you are a spokesperson for the vulnerable, the disenfranchised, and the weak, and you will ensure that their voice is heard.
- Cynic: the world has hurt you in more ways than you can count, and you don't expect that to change any time soon.

Drives (choose 2):

- Freedom: you've had enough of following the rules—you want to do what you want, when you want, how you want.
- Justice: you can't go back home, but you can hold those responsible for its destruction accountable.
- Protection: you've been looking out for yourself for so long—you just want to be cared for, to be safe, and to not have to worry.
- Revenge: you want payback on the people who wronged you, who ignored you, who forced you into this mess.

The Activist

You are an environmental activist who is deeply concerned about the destruction of the natural world and will do almost anything to prevent it. The contested plot of land is home to the last instance on Earth of a specific natural phenomenon; unless protective measures are put into place very soon, it will disappear, and something beautiful and fragile will be lost to history. The group that you are a part of consists of several thousand people, and quite a few of them are beginning to suggest taking matters into their own hands.

Questions to consider:

- What is the natural phenomenon? A species of animal, plant, or fungus? A geographical feature? An ecosystem?
- How far are you willing to go to ensure this phenomenon's survival?
- Are there other environmental issues that your group is concerned with? Or is it devoted to this phenomenon?
- What are your attitudes towards the other parties?

Nature (choose 1):

- Activist: you know exactly what needs to happen if things are ever going to improve, and you will ensure that people hear about it.
- Radical: it's no longer sufficient to accept the status quo—sometimes you need to do what other people might deem unacceptable in order to get things done.

Drives (choose 2):

- Atonement: you feel responsible for the harm that the world has suffered—this is your way of trying to make up for it.
- Discovery: there are so few truly wonderful things left on this world—you cannot bear to let this one disappear without doing something about it.
- Justice: a great wrong has been perpetrated against the environment, and you want to seek justice for it on its behalf.
- Renown: if this campaign goes well, news of your group will spread, and you'll be able to spread your message to more people.

The Indigenous Person

You are a member of an indigenous community that has been mistreated and abused by the local government, who drove you away from your home several years ago. Since then, you have been trying to return, as the land has significant cultural value to you and your community, and your efforts have only intensified since its purchase by a corporation. Having lost so much in the past, you cannot bear to lose this as well.

Questions to consider:

- Why is the plot of land culturally significant to you? Does it relate to history? To your belief system? To your identity?
- What strategies are you using to further your goals? The courts? Social activism? Violence?
- What would it mean for you if you could not return to your home?
- What are your attitudes towards the other parties?

Nature (choose 1):

- Peacemaker: there is already so much conflict in the world that to add to it would be cruel; instead, you aim to sooth tempers and open up discussion.

- Firebrand: your strength lies in your fiery rhetoric and in your proclivity for drawing people to your cause.

Drives (choose 2):

- Community: you want what's best for your family, your friends, and your people.
- Glory: you want to be remembered long after you're gone as the one who reclaimed your community's home.
- Peace: people keep on interfering in your life, in your beliefs, and in your values—at the end of the day, you just want to be left alone.
- Principles: you hold a set of guiding values close to your heart, and you cannot follow them without returning home.