



HUMBOLDT  
FORUM

*in\_finite*

LIVING  
WITH  
DEATH



*A drama in five acts.*

**PROLOGUE** | COSMOS

**ACT 1** | THE HEREAFTER Imaginative realms of death

**ACT 2** | DYING

**SCENE 1** | Deathbeds

**SCENE 2** | Death conference

**ACT 3** | DEATH The Final Moment

**ACT 4** | THE MORTUARY

**SCENE 1** | Corpse care

**SCENE 2** | Autopsy of the conditions of death across the globe

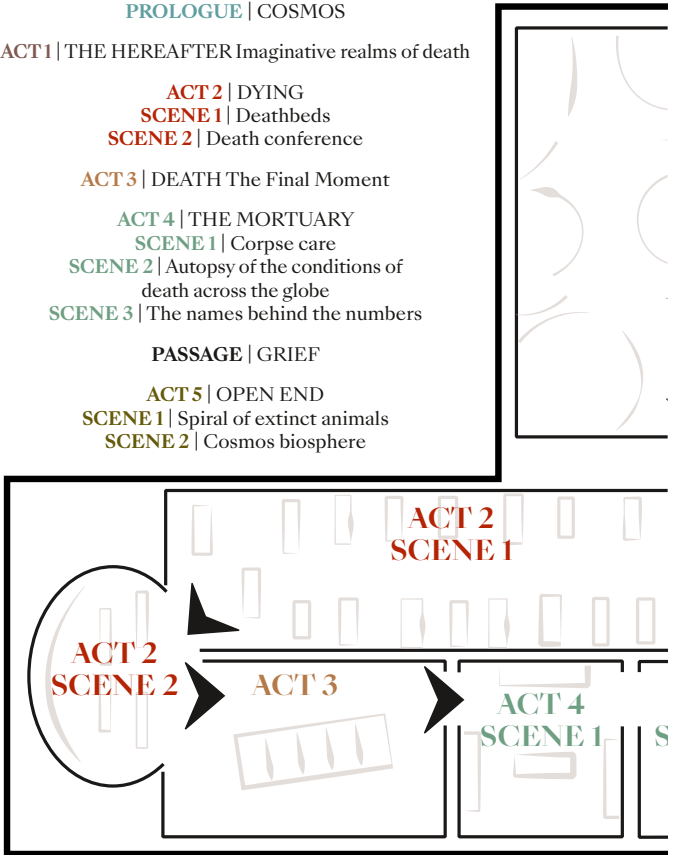
**SCENE 3** | The names behind the numbers

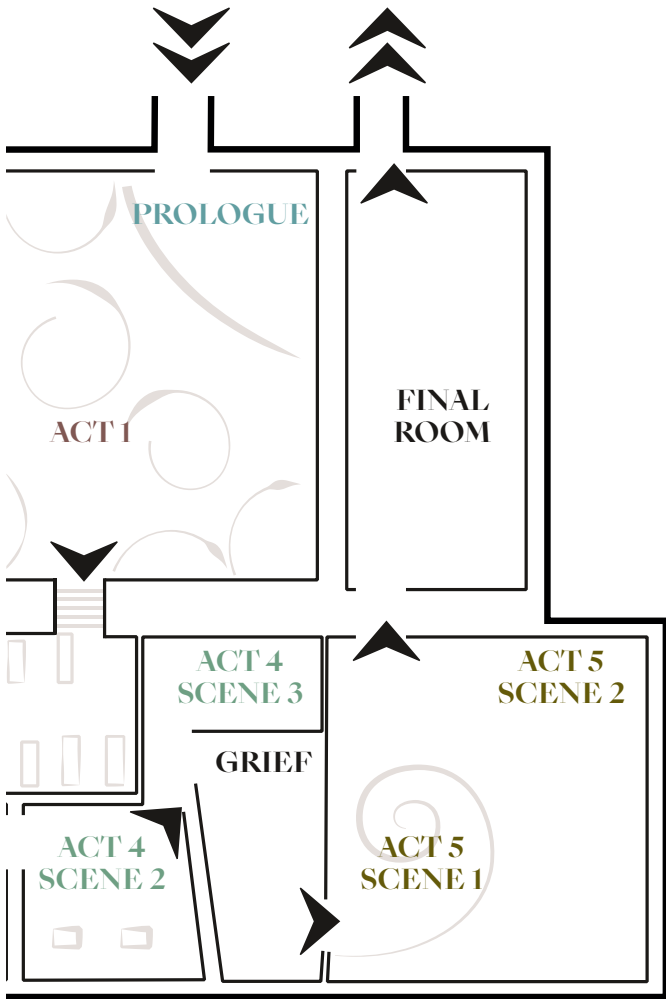
**PASSAGE** | GRIEF

**ACT 5** | OPEN END

**SCENE 1** | Spiral of extinct animals

**SCENE 2** | Cosmos biosphere









*“This is the  
paradox:  
[Humankind] is  
out of nature and  
hopelessly in it.”*

*Ernest Becker, The Denial of Death, 1973*



Humans are presumably the only animals that know they are going to die.

The knowledge of death has shaped the course of human history and individual lives, has given rise to culture, civilization, science, and diverse world views.

The knowledge of the transience and vulnerability of our own lives and that of all living things confronts us humans with existential, as well as ethical and moral questions.

The tour “Living with Death” is structured as a drama in five acts. On different stages, you will encounter diverse notions of death and explore scenes of death that remain hidden behind the curtain of everyday life.

# LIVING WITH DEATH

ACT 3  
**Death**  
26-29

ACT 2  
**Dying**  
20-25

PROLOGUE

**Cosmos**

12-15

ACT 1

**The Hereafter**

16-19



*A drama  
in five acts.*

**ACT 4**  
**The**  
**Mortuary**

30-37

**PASSAGE**  
**Grief**

38-41

**ACT 5**  
**Open End**

42-49

PROLOGUE



**In the End,  
We Are All Stardust**



*Where do  
we come from?*

COSMOS

*“When we tell the story of the universe  
within a timespan of twenty-four  
hours, Homo sapiens appears only in  
the final second.”*

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PROLOGUE

# COSMOS

## In the End, We Are All Stardust

“Living with Death” begins with a view from the outside onto the Earth, place of origin and home of all known living beings.

According to scientific calculations, the universe is 13.8 billion years old.

The Earth came into being approximately 4.6 billion years ago. First traces of life existed 3.5 billion years ago in the form of bacteria-like single-celled organisms. 2.4 billion years ago, so-called cyanobacteria brought oxygen into the atmosphere and thus created the basis for higher life forms. *Homo sapiens* have been verifiably living on the Earth for some 300,000 years.

## *Cast*

Stars, the Milky Way, the Sun, the Earth, the Moon, water, ribonucleic acid (RNA), deoxyribonucleic acid (DNA), cyanobacteria, oxygen, eukaryotes, fish, amphibians, reptiles, mammals, dinosaurs, plants, *Homo sapiens*, and others

ACT I

THE  
HERE—  
AFTER

**Imaginative  
Realms of Death**



# *Is there life after death?*

THE HEREAFTER

*The certainty of death unites people  
throughout all cultures and times.  
And yet there is nothing we know less  
about than existence after death.  
Since time immemorial, we have filled this  
void with images, symbols, and stories.*

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ACT I

ACT I

# THE HEREAFTER

## Imaginative Realms of Death

Is death the end of our existence? Or will we live on in some form or another after death? Do we have an immortal soul? What is the relationship between the living and the dead?

In many cultures, death was not and is not understood as the complete end of human existence, but rather as a transition into another form of existence.

In the seven rooms, you will encounter different notions of life with and after death.

## *Cast*

Vilwanathan Krishnamurthy,  
*Co-founder of the Sri Ganesha  
Hindu Temple Berlin*

Esther Hirsch,  
*Cantor, Sukkat Schalom  
Synagogue, Berlin*

Félix Ayoh'Omidire,  
*Professor for the  
Yoruba-Diaspora,  
fellow at the Humboldt  
University of Berlin*

Kadir Sanci,  
*Imam and co-initiator of  
the House of One, Berlin*

Jasmin El-Manhy,  
*Pastor, Gethsemane Protestant  
Church in Berlin-Friedrichshain*

Emil Kendziorra,  
*Managing Director, Tomorrow  
Biostasis GmbH, Berlin*

Mark Benecke,  
*Forensic biologist, Cologne*



*Listen to the audio features, and additionally*

*Pir Hasan Doğan, Member of the Spiritual Council of  
the Alevi Community in Germany*

*For further reading in the exhibition catalogue*

- › Essay by the philosopher Stephen Cave: "Four Ways to Live Forever"
- › Contemporary notions of the hereafter: Recorded conversations with twelve representatives of different religious communities from Berlin's urban society
- › Photo series by Klaus Bo: Dead and Alive

ACT 2

# DYING

**On the Threshold  
to Death**



*What  
is a good  
death?*

DYING

*Dying is a universal experience.  
Yet the process of dying is shaped  
locally, culturally, and historically,  
as well as individually.*

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ACT 2

ACT 2 | SCENE 1

# DEATHBEDS

## How Do You Feel about Dying and Death?

Here, you can lie down and answer questions about your personal relationship to dying and death.

## *Cast*

Here, it is all about you and your own ideas and attitudes towards dying and death.

## DEATH CONFERENCE

### What Counts during the Last Days, Hours, and Minutes before Death?

What are the signs of approaching death? What is particularly important in the care of the dying? What role do religion and worldview play at the end of life? What are the last wishes and words on the deathbed?

Twelve individuals from different continents, with different beliefs and cultural backgrounds, share their experiential knowledge gained from accompanying the dying. The conversations took place as video calls and were subsequently brought together for the video installation.



## *Cast*

Rafael Ernesto  
Mamanché González,  
*Muisca community leader,  
Sesquile, Columbia*

Noreen Chan,  
*Doctor in palliative care,  
Singapore*

Kodjo Senah,  
*Family Head, Accra, Ghana*

Aysel Erki,  
*Volunteer end-of-life caregiver,  
Diyarbakir, Turkey*

Anurag Hari Shukla,  
*End-of-life caregiver,  
Varanasi, India*

Myriam Rios,  
*Spiritual end-of-life caregiver  
in a hospice, Guatemala City,  
Guatemala*

Mike Kelly,  
*Shxw'ōwhámél Elder, Hope,  
British Columbia, Canada*

Hadley Vlahos,  
*Hospice nurse, New Orleans,  
Louisiana, USA*

Bukelwa Sigila,  
*Sangoma (traditional healer  
among the Xhosa and Zulu),  
Cape Town, South Africa*

Rachel Ettun,  
*Spiritual companion for  
the dying, Jerusalem, Israel*

Patrice Dwyer,  
*Death Doula, Kingston,  
Jamaica*

Thích Thiên Nguyễn,  
*Buddhist Monk, Dong Dap,  
Vietnam*

*For further reading in the exhibition catalogue*

- › Transcriptions of the conversations with end-of-life caregivers
- › Essay by Helaine Selin and Robert M. Rakoff: "Death and Dying in Non-Western Cultures"

ACT 3

DEATH  
TH

**The  
Final Moment**

*Is there light  
at the end  
of the tunnel?*

DEATH

*What happens at the moment of (brain) death on the level of consciousness is a mystery. There are, however, insights into what happens in the brain during the last moments of life.*

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ACT 3

ACT 3

# DEATH

## The Final Moment

What happens in the final stage of dying?

In the cubicle, a voice, accompanied by light and sound, tells you what happens in the body and brain at the threshold of death.

Stand on the white dot and wait until the spotlight selects you. Then enter through the illuminated door.

If you want to skip this scene please go right past the booths into the next room.

## *Cast*

Nerve cells, norepinephrine, serotonin, dopamine,  
and others

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*For further reading in the exhibition catalogue*

› Interview with Jens Dreier, experimental neurologist at the Charité Berlin:  
“The last wave of electrical discharge before death is an enormous event.”

ACT 3

ACT 4

THE  
COURT-  
UARY

**Examination Room  
of Death**

*What does  
human dignity  
mean beyond  
death?*

*In society's treatment of the dead, questions arise about human dignity, responsibility, and justice. In the mortuary, you look at the relationship of the living to the dead from three different perspectives in three scenes.*

## CORPSE CARE

### What Happens to a Corpse?

Death triggers a double crisis for the bereaved: A social life is lost—and there is a dead body.

Human dignity exists beyond death. The corpse is the object of care for the dead—from the last washing and the funeral garment to the burial. What does dignified care of the deceased look like?

The model room provides insight into the practice of corpse care.

The infographic shows exemplary paths of the corpse in different cultural contexts of Berlin's urban society: from the pronouncement of death to burial.



The video projection documents two forms of corpse care. You see a corpse washing in the context of hygienic care of the deceased as well as a ritual Islamic washing.

### *Cast*

Schwester Iman  
(Nadine Eichner),  
*corpse washer, TAHA  
Bestattung, Berlin, Islamic  
corpse washing*

Sophie Deichert &  
Saša Milojević,  
*thanatopractitioner &  
mortician, Gustav Schöne  
OHG, corpse care in the  
context of thanatopraxy*

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*For further reading in the exhibition catalogue*

› Liv Nilsson Stutz: "Living with death. Living with the dead"

ACT 4

# AUTOPSY OF THE CONDITIONS OF DEATH ACROSS THE GLOBE

Are we all equal in  
the face of death?

*“If we don’t count the dead, we will  
miss the opportunity to be  
better prepared for the next time.”*

*Samira Asma, Data Department of  
the World Health Organisation (WHO)*

No one is so privileged as to escape death.  
And yet we are not all equal in the face  
of death: Death statistics reflect unequal  
life chances.

The ten infographics in this room shed light on selected aspects of the conditions of death across the globe. On the one hand, they tell a human success story in the fight against death: Average life expectancy worldwide is higher than ever before. On the other hand, the graphics make clear that not everyone benefits equally from this development.

Global inequality is also reflected in the data. In poorer regions of the world, statistical data on the number and causes of deaths are not available in the same way as in rich countries.

*For further reading in the exhibition catalogue*

› Infographics: Autopsy of the Conditions of Death across the Globe

## THE NAMES BEHIND THE NUMBERS

A purse, a toothbrush, a picture of a saint, a mobile phone, and a small bag of soil from the homeland—personal things as evidence of a past life. The owners of these objects were victims of a dramatic maritime disaster in the Mediterranean Sea in the night of the 18th to the 19th of April 2015.

In accordance with international humanitarian law, the dead must be identified and buried. Nevertheless, most people who have died while fleeing across the Mediterranean remain nameless. The forensic anthropologist Cristina Cattaneo is head of the Milan-based LABANOF Institute and works with her

team to ensure that these drowned people are also identified and thus regain a piece of human dignity.

The personal belongings are crucial when it comes to identifying the dead. They are also used to show them to people searching for their loved ones.

Excerpts from the documentary #387 are shown here.

### *Cast*

Cristina Cattaneo,  
*Forensic scientist and  
Director of the Laboratory of  
Anthropology and Forensic  
Odontology (LABANOF)  
in Milan*

Nameless victims of  
the maritime disaster  
of 18/19 April 2015

*For further reading in the exhibition catalogue*

› Interview with Cristina Cattaneo: "It is unworthy to let people die this way."

PASSAGE

GRIEF

*How  
do we  
find  
solace*  
♪

# GRIEF

“Grief is the price we pay for love”,  
the psychiatrist Colin Murray Parkes wrote.  
Grief is a sign of commiseration,  
an expression of connectedness after  
the loss of an emotional relationship.

Religious and cultural mourning rituals can  
help to cope emotionally with a loss. You will  
hear selected songs and chants of mourning  
from representatives of different faiths from  
Berlin’s diverse urban society.



## Cast

Seyid Doğan (Alevism):

*“Katre idim ummanlara  
karıştım”*

Mario Vázquez

(Mexican Cult of the Dead):

*“La Llorona”*

Esther Hirsch (Judaism):

*“Schuwi nafschi”*

Levent Kılıçoğlu (Islam):

*“أربق نارفحي ني صخش تي أر”  
“Gördüm iki kişi mezar eşiyor”*

Bhai Kushmar (Sikh):

*“Ab ki bar bakhas bande kao,  
bahur na bhaojal fera”*

Jasmin El-Manhy (Christianity):

*“Du, Herr der Welten”*

Nimish Sawant (Hinduism):

*“Om Sarv Pitru  
Devataabhyo Namah” and  
“Om Namo Nārāyanāya”*

Adébáyo Fátoki (Yorùbá):

*“Òyèkú Gorósùn” and  
“Òyèkú logbè”*

*For further reading in the exhibition catalogue*

› Interview with the psychotherapist and grief counsellor  
Julia Samuel: “Grief is a messy, painful affair.”

ACT 5

OPEN  
END

*The proliferation of Homo sapiens is also a story of the domination and destruction of nature. Humans have become a decisive factor that negatively influences the development of the Earth's ecosystem and thus its natural basis of life. Does the current, sixth species extinction threaten the self-extinction of our species?*

# SPIRAL OF EXTINCTION

*“What we are currently doing is tantamount to an attack by the present on the rest of time. For we humans are destroying the products of the evolution of the past, without which the habitats of the Earth will have no future. It would be the end of evolution as we know it. Life will no doubt take other paths, but then very probably without us.”*

*Matthias Glaubrecht, Evolutionary biologist*

According to calculations by the World Biodiversity Council IPBES, up to one million larger animal and plant species will disappear by the middle of the twenty-first century. Species extinction caused by the human way of life also potentially threatens the survival of *Homo sapiens*.

### *Cast*

*A selection of extinct and endangered species from the Museum für Naturkunde Berlin:*

Dark flying fox  
*Pteropus subniger*

New Zealand greater  
short-tailed bat  
*Mystacina robusta*

Sunda pangolin  
*Manis javanica*

European mink  
*Mustela lutreola*

Schomburgk's deer  
*Rucervus schomburgki*

Saudi gazelle  
*Gazella saudiya*

Japanese wolf  
*Canis lupus japonicus*

Thylacine  
*Thylacinus cynocephalus*

Quagga  
*Equus quagga quagga*

Western gorilla  
*Gorilla gorilla*

ACT 5 | SCENE 1

Eastern gorilla

*Gorilla beringei*

Black-and-white ruffed lemur

*Varecia variegata*

Van der Decken's sifaka

*Propithecus deckenii*

Cotton-headed Tamarin

*Saguinus oedipus*

Pig-tailed snub-nosed langur

*Simias concolor*

Red-tailed sportive lemur

*Lepilemur ruficaudatus*

Red ruffed lemur

*Varecia rubra*

Pied tamarin

*Saguinus bicolor*

Buff-headed Capuchin

*Sapajus xanthosternos*

White-nosed shrub frog

*Pseudophilautus leucorhinus*

Yunnan lake newt

*Cynops wolterstorffi*

Jamaican giant galliwasp

*Celestus occiduus*

Saint Croix racer

*Borikenophis sanctaecrucis*

Kihansi spray toad

*Nectophrynoides asperginis*

Peru stubfoot toad

*Atelopus peruensis*

Floreana giant tortoise

*Chelonoides niger*

Round Island burrowing boa

*Bolyeria multocarinata*

Species of freshwater snail

*Tylomelania towutica*

Fan mussel

*Pinna nobilis*

Freshwater pearl mussel

*Margaritifera margaritifera*

Fat Guam partula

*Partula gibba*

European sturgeon

*Acipenser sturio*

Chinese paddlefish

*Psephurus gladius*

Maraene

*Coregonus maraena*

Coconut crab

*Birgus latro*

Great raft spider

*Dolomedes plantarius*

Wolf spider

*Arctosa cinerea*

Burrowing tarantula species

*Brachypelma albiceps*

Cretan spectre

*Boyeria cretensis*

Golden-eyed stick insect

*Peruphasma schultei*

Earwig species

*Anechura bipunctata*

Cullum's bumblebee

*Bombus cullumanus*

La Crocise comédienne

*Thyreus histrionicus*

Digger wasp species

*Argogorytes fargeii*

Heath sand wasp

*Ammophila pubescens*

Black palaeartic carpenter  
ant species

*Camponotus vagus*

Violet copper

*Lycaena helle*

Danube clouded yellow

*Colias myrmidone*

*For further reading in the exhibition catalogue*

› Matthias Glaubrecht: "The End of Evolution – Humankind and the Annihilation of Species"

# COSMOS BIOSPHERE

## Symphony of Becoming and Perishing

*“The fact that we are connected through space and time shows that life is a unitary phenomenon, no matter how we express that fact. We are not one living organism, but we constitute a single ecosystem with many differentiated parts. I don’t see this as a contradiction, because parts and wholes are nested in each other.”*

*Lynn Margulis, Evolutionary biologist*

The species *Homo sapiens* affects nature and is at the same time a part of it. The fate of humankind is closely interwoven with the



surrounding non-human living environment. The Earth's biosphere, the basis of human and non-human life, is a thin shell that extends from approximately five kilometres below to roughly sixty kilometres above the Earth's surface.

Many processes of growth and decay that are vital to human life are beyond our perception. For example, microorganisms or microbes, which are invisible to the naked eye, make up 70 per cent of life on earth.

## *Cast*

An ensemble of non-human organisms from the terrestrial biosphere, consisting of mould, bacteria, amoebae, larvae, protozoa, algae, nematodes, rotifers, plankton, and others.

### *For further reading in the exhibition catalogue*

- › Robin Wall Kimmerer: "The Democracy of Species"
- › Interview with the historian Dipesh Chakrabarty: "In the age of the Anthropocene, the distinction between human history and natural history is no longer tenable."

# SOURCES AND PROFESSIONAL ADVICE

## PROLOGUE

### *Professional advice*

Ben Moore, astrophysicist, University of Zurich

### *Sources*

*Introductory text:* Carl Sagan (1997): Pale Blue Dot is the title of the photograph taken of Earth by NASA's Voyager 1 spacecraft in 1990. It is still the image of the Earth taken from the greatest distance—from a distance of around six billion kilometres. The image inspired astronomer Carl Sagan to reflect on the position of humans in the universe.

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*Images used:* *Earthrise:* NASA's Apollo 8 Mission, NASA/Goddard Space Flight Center Scientific Visualization Studio; *Blue Marble:* Earth in Full View From Apollo 17, NASA; *Pale Blue Dot Revisited* (2020), NASA/JPL-Caltech

## ACT 3 | DEATH

### *Professional advice*

Jens Dreier, experimental neurologist, Charité, Berlin

The narration is based on conversations with Jens Dreier and the book *So sterben wir* by Roland Schulz, published by Piper Verlag.

## ACT 4 | THE MORTUARY

### SCENE 1 | CORPSE CARE

#### *Professional advice*

Işıkali Karayel, Markaz Islamische Bestattungen, Berlin  
Felix Moshe Berul, Chewra Kadischa, Potsdam  
Sophie Deichert, Schöntod, Thanatopraxie, Berlin  
Dharma Raj Bhusal, Dong Ban Ja Intercultural Hospice Care, Berlin  
Dominik Kleinen and René Menzel, Grieneisen Bestattungen, Berlin  
Uller Gscheidel, Charon Bestattungen, Berlin  
Yüksel Özdemir, Alevitische Gemeinde zu Berlin e.V. / Berlin Alevi Toplumu  
Regina Pröpper, Berlin Senate, Funeral Services  
Eric Haußmann, St.Marienkirche-Friedrichswerder, Berlin

### SCENE 2 | AUTOPSY OF THE CONDITIONS OF DEATH ACROSS THE GLOBE

#### *Sources info graphics*

*Life Expectancy of Women and Men:* United Nations, Department of Economic and Social Affairs, Population Division (2022): World Population Prospects 2022, online edition  
[population.un.org/wpp/Download/Standard/Mortality/](http://population.un.org/wpp/Download/Standard/Mortality/)

*Income and Life Expectancy:* Gapminder Foundation.  
[gapminder.org](http://gapminder.org)

*Maternal and Child Mortality:* Database of the United Nations Children's Fund. Latest maternal mortality figures from 2017, child mortality figures from 2020.  
[data.unicef.org/resources/dataset/child-mortality/](http://data.unicef.org/resources/dataset/child-mortality/)  
[data.unicef.org/resources/data\\_explorer/unicef\\_f/?ag=UNICEF&df=GLOBAL\\_DATAFLOW&ver=1.0&dq=MNCH\\_MMR.&startPeriod=2016&endPeriod=2022](http://data.unicef.org/resources/data_explorer/unicef_f/?ag=UNICEF&df=GLOBAL_DATAFLOW&ver=1.0&dq=MNCH_MMR.&startPeriod=2016&endPeriod=2022)

*Most Common Causes of Death:* World Health Organization (WHO) projections of causes of death at different ages in various countries in 2019. Population figures used to calculate case rates per 100,000 inhabitants are based on data from the World Bank.  
[who.int/data/gho/data/themes/mortality-and-global-health-estimates/ghel-leading-causes-of-death](http://who.int/data/gho/data/themes/mortality-and-global-health-estimates/ghel-leading-causes-of-death)  
[data.worldbank.org/indicator/SP.POP.TOTL](http://data.worldbank.org/indicator/SP.POP.TOTL)

## APPENDIX

*Dangerous Viral and Infectious Diseases:* Period of observation of all four diseases: January 2018 to the end of October 2022. Only those years from which case numbers are available were included in the calculation of the average annual death rates per 100,000 inhabitants. Statistics on tuberculosis victims, for example, existed in October 2022 for the years 2018, 2019, 2020, and 2021. The total number calculated was thus extrapolated down to four years and to 100,000 inhabitants.

*Covid 19:* World Health Organisation, WHO Coronavirus (Covid 19) Dashboard, latest reported counts of cases and deaths (as of 26.10.2022)  
[covid19.who.int/WHO-COVID-19-global-data.csv](https://covid19.who.int/WHO-COVID-19-global-data.csv)

*HIV:* World Health Organisation, The Global Health Observatory, Number of people dying from HIV-related causes  
[www.who.int/data/gho/data/indicators/indicator-details/GHO/number-of-deaths-due-to-hiv-aids](https://www.who.int/data/gho/data/indicators/indicator-details/GHO/number-of-deaths-due-to-hiv-aids)

The case numbers in Germany were determined on the basis of the annual updates of the Robert Koch Institute.

[rki.de/DE/Content/InfAZ/H/HIVAIDS/Eckdaten/Eckdaten.html](https://rki.de/DE/Content/InfAZ/H/HIVAIDS/Eckdaten/Eckdaten.html)

*Malaria:* World Health Organisation, The Global Health Observatory, Estimated number of malaria deaths  
[who.int/data/gho/data/indicators/indicator-details/GHO/estimated-number-of-malaria-deaths](https://who.int/data/gho/data/indicators/indicator-details/GHO/estimated-number-of-malaria-deaths)

*Tuberculosis:* World Health Organisation, Global Tuberculosis Reports 2019–2022  
[who.int/teams/global-tuberculosis-programme/tb-reports/global-tuberculosis-report-2022](https://who.int/teams/global-tuberculosis-programme/tb-reports/global-tuberculosis-report-2022)

Population figures used to calculate the number of cases per 100,000 inhabitants are based on data from the World Bank.

[data.worldbank.org/indicator/SP.POP.TOTL](https://data.worldbank.org/indicator/SP.POP.TOTL)  
[edgar.jrc.ec.europa.eu/report\\_2022](https://edgar.jrc.ec.europa.eu/report_2022)

*Fatal Encounters with Animals*: Data on deaths caused by animals are collected in a very fragmentary manner. This infographic therefore represents only a sample. From the available studies and statistics, the years from 2010 onwards with particularly high numbers of cases were selected.  
[population.un.org](http://population.un.org)

*Mosquitoes*: [who.int/teams/global-malaria-programme/malaria-toolkit-app](http://who.int/teams/global-malaria-programme/malaria-toolkit-app)

*Dogs*: Katie Hampson, Laurent Coudeville, Tiziana Lembo, et al., “Estimating the Global Burden of Endemic Canine Rabies” (2015)  
[journals.plos.org/plosntds/s/journal-information](http://journals.plos.org/plosntds/s/journal-information)

*Snakes*: Wilson Suraweera, David Warrell, Romulus Whitaker, et al., “Trends in snakebite deaths in India from 2000 to 2019 in a nationally representative mortality study” (2020)  
[elifesciences.org/articles/54076](http://elifesciences.org/articles/54076)

*Elephants*: T.G.Supun Lahiru Prakash and A.W.Wijeratnem Pihiviraj Fernando, “Human-Elephant Conflict in Sri Lanka: Patterns and Extent”, in: Gajah – Journal of the Asian Elephant Specialist Group, no. 51 (2020), pp.16–25  
[asesg.org/PDFfiles/2020/51-16-Prakash.pdf](http://asesg.org/PDFfiles/2020/51-16-Prakash.pdf)

*Scorpions*: Arthur Fernandes Barbosa Parreira, Raquel Roque Rodrigues, Gusatvo de Paula Campos, et al., “Scorpion envenomation in Brazil: an Update”, in: Infectio, vol. 26, no. 2, (2021), pp.172–180  
[revistainfectio.org/P\\_OJS/index.php/infectio/article/view/1018](http://revistainfectio.org/P_OJS/index.php/infectio/article/view/1018)

*Wasps, Bees, and Hornets*: German Federal Statistical Office, Results of the Cause of Death Statistics for Germany 2015  
[statistischebibliothek.de/mir/receive/DEHeft\\_mods\\_00066516](http://statistischebibliothek.de/mir/receive/DEHeft_mods_00066516)

*Sharks*: Florida Museum of Natural History, International Shark Attack Files  
[floridamuseum.ufl.edu/shark-attacks/trends/location/world/](http://floridamuseum.ufl.edu/shark-attacks/trends/location/world/)

*Crocodiles*: Brandon Sideleau, CrocBITE – Worldwide Crocodylian Attack Database, Charles Darwin University, Palmerston, Australia  
[crocodile-attack.info/](http://crocodile-attack.info/)

*Cattle*: Health and Safety Executive, “Fatal injuries in agriculture, forestry and fishing in Great Britain, 1 April 2021 to 31 March 2022”  
[webarchive.nationalarchives.gov.uk/ukgwa/20220527002239/https://www.hse.gov.uk/agriculture/resources/fatal.htm](http://webarchive.nationalarchives.gov.uk/ukgwa/20220527002239/https://www.hse.gov.uk/agriculture/resources/fatal.htm)

## APPENDIX

*War Casualties in the 21<sup>st</sup> century:* Uppsala Data Conflict Program led by Uppsala University and the Peace Research Institute Oslo  
[ucdp.uu.se/exploratory](http://ucdp.uu.se/exploratory)

*Additional Deaths Due to Global Warming:* Human Climate Horizons, data based on research by the Climate Impact Lab and the Human Development Report Office of the United Nations Development Programme  
[horizons.hdr.undp.org/](http://horizons.hdr.undp.org/)

*CO<sub>2</sub> Emissions in 2021:* European Commission, CO<sub>2</sub> emissions of all world countries (2022)

*Historical CO<sub>2</sub> Emissions Since 1980:* Lukas Rühli and Patrick Dümmler, *Wirkungsvolle Klimapolitik* (Zurich 2021), pp.26f.  
[avenir-suisse.ch/publication/wirkungsvolle-klimapolitik/](http://avenir-suisse.ch/publication/wirkungsvolle-klimapolitik/)

*Journalists Killed:* Committee to Protect Journalists [cpj.org/data/killed/2015/?status=Killed&motiveConfirmed%5B%5D=Confirmed&type%5B%5D=Journalist&start\\_year=2003&end\\_year=2022&group\\_by=location](http://cpj.org/data/killed/2015/?status=Killed&motiveConfirmed%5B%5D=Confirmed&type%5B%5D=Journalist&start_year=2003&end_year=2022&group_by=location)

*Death During Migration:* Missing Migrants Project, documentation by the United Nations International Organization for Migration since 2014 on the number of people who have died or gone missing worldwide during migration. Due to the difficulty of collecting information on this, it can be assumed that the actual number of victims is higher.  
[missingmigrants.iom.int/](http://missingmigrants.iom.int/)

## SCENE 3 | THE NAMES BEHIND THE NUMBERS

### *Professional advice*

Cristina Cattaneo, forensic anthropologist, Director of LABANOF, Milan

### *Sources*

*Film:* Excerpts from the documentary film #387

France 2019 | Director: ©Little Big Story \_ ARTE France – RTBF – Stenola Productions – Graffiti DOC / 2019, Distribution: JAVA Films

*Photos:* Labanof, Università degli Studi di Milano

ACT 5 | OPEN END  
SCENE 1 | SPIRAL OF EXTINCTION

*Professional advice*

*Museum für Naturkunde Berlin*

Frank Tillack, Peter Bartsch, Charles Oliver Coleman, Birgit Jaenicke, Stefanie Krause, Stefan Graf, Christine Zorn, Parm Viktor von Oheimb, Katharina von Oheimb, Théo Leger, Viola Richter, Jason A. Dunlop, Christiane Funk, Frieder Mayer

*Senckenberg Forschungsinstitut und Naturmuseum Frankfurt/Main*

Torben Riehl, Bianca Trautwein, Moritz Sonnewald, Julia D. Sigwart, Sigrid Hof, Gunther Köhler, Linda Mogk, Peter Jäger, Dorte Janussen, Saskia Dimter, Joachim Scholz, Irina Ruf, Katrin Krohmann

*Senckenberg Deutsches Entomologisches Institut München*

Thomas Schmitt

*Zoologische Staatssammlung München*

Anneke H. van Heteren, Frank Glaw, Markus Unsöld

SCENE 2 | COSMOS BIOSPHERE

*Citation of Lynn Margulis: Talking on the Water: Conversations about Nature and Creativity by Jonathan White, Trinity University Press (2016): pp.57–77*

## COLOPHON

EXHIBITION  
IN\_FINITE. LIVING WITH DEATH  
31/3/2023–26/11/2023

A Temporary Exhibition by the Stiftung Humboldt Forum  
im Berliner Schloss (SHF)

**Curatorial Team Exhibition:**

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Gesine Last, Jan Zappe — *Co-Curators*  
Kathrin Haase, Lydia Heller,  
Yvonne Zindel — *Curatorial Assistance  
and Research*  
Sibylle Kußmaul (until 11/2022),  
Marc Wrasse (from 11/2022) —  
*Curators of Education and Outreach, SHF*

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**Lighting Design:** Studio ZNA

**Media Planning:** Framegrabber

**Media Productions:** Prologue: xkopp,  
Berlin; *Act 1:* SHF; *Act 2.1:* Framegrabber  
Medien GmbH; *Act 2.2:* Torero Film,  
Rouven Rech & Teresa Renn; *Act 3:* Lynx  
Media Systems GmbH; *Act 4.1:* SHF;  
*Passage:* Idee und Klang Audio Design/  
SHF; *Act 5.2:* Georg Lendorff/Gareth Fry;  
speakers: Birte Schnöink, Dulcie Smart

**Coordination Realisation:**



4blaueHUFe GmbH

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BOK+Gärtner GmbH

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Brandenburg KdöR/  
Bestatter-Verband von Berlin und  
Brandenburg e.V.  
European Biostasis Foundation

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March 2023





*Who  
would  
I like  
to have  
been?*