Hochschule München University of Applied Sciences

HM@COP27 in Sharm el-Sheikh, Ägypten

Bericht des Teams

01.12.2022

Prof. Dr. Ing. Thomas Ackermann, Emma Steger, Leon Unewisse,

Prof. Dr. Georg Zollner, Mira Gayed, Anna-Maria Steil





Grußwort

Vizepräsident für Lehre Prof. Dr. Klaus Kreulich



Vizepräsident für Lehre Prof. Dr. Klaus Kreulich



Allgemeine Infos

Delegation:

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 Professor | Fakultät Betriebswirtschaft georg.zollner@hm.edu
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- Mira Gayed Alumna | Fakultät Design

Delegationsziel:

Sharm el-Sheikh, Ägypten

Delegationszeitraum:

13.-19.11.2022

Delegationsgrund:

Teilnahme an der Weltklimakonferenz COP27 als offizielle Observer der UNFCCC Prozesse





Landkarte und Standort von dem Delegationsziel, Quelle: Google Maps

Überblick der Teilnehmenden

Participation statistics				
	States/organizations	Registered participants		
Parties	195	16 118		
Observer States	0	0		
Total Parties + observer States	195	16 118		
United Nations Secretariat units and bodies	39	502		
Specialized agencies and related organizations	22	465		
Intergovernmental organizations	107	1 303		
Non-governmental organizations	1 751	11 711		
Total observer organizations	1 919	13 981		
Media	1 306	3 350		
Total participation	3 418	33 449		

Note: The numbers do not include participants registered with badge types of host country, Party overflow, staff (local, secretariat, security and technical) and temporary.

Tabelle der Teilnehmenden, Quelle: <u>UNFCCC</u>



HM •

Überblick über das COP27 Gelände

Plenarsäle und Verhandlungsräume Side Events und Pavillions der Länder und NGOs



Karte des COP27 Geländes

Plenarsaal und Verhandlungsräume



Plenarsaal



Kleiner Verhandlungsraum



Sitz von Deutschland im Plenarsaal



Kleiner Verhandlungsraum



Redepult im Plenarsaal



Bilateral Rooms

Side Events und Länderpavillions



Opening session des "Gender Days"

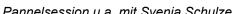


Politikerinnen beim "Gender Day"



Politikerinnen beim "Gender Day"



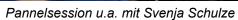




Constituency Meeting



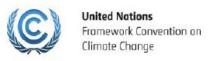
Constituency Meeting



COP 27 Daily Programme



Monday, 14 November 2022



United Nations Climate Change Conference COP 27, CMP 17, CMA 4 Sharm el-Sheikh, 6 - 18 November 2022

Daily Programme

Plenary Meetings

	•	
Informal stocktaking plenary	10.00 - 10.30	Plenary Ramses
by the President		

Meetings of the Convention and the Protocol Bodies

Conference of the Parties (COP)

Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (CMP)
Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA)

Open Meetings

Closed Meetings

Special meetings and events	Groups other than the Convention and
Global Climate Action events	Protocol Bodies
Action Hub events	Observer organizations
UNFCCC Capacity-building Hub events	The second second second
UNFCCC and other official side events	
Pavilion events	



COP27 Tagesprogramm



Monday, 14 November 2022



United Nations Climate Change Conference COP 27, CMP 17, CMA 4 Sharm el-Sheikh, 6 - 18 November 2022

Daily Programme

Plenary Meetings

Informal stocktaking plenary 10.00 – 10.30 by the President

Plenary Ramses

11:00-12:00

12:00-13:00

15:00-16:30

15:00-16:00

16:00-17:00

17:00-19:00

17:00-18:00

COP 8(c) // CMA 8(b): Guidance to the Green Climate Fund - Informal Consultation (Overflow in MR4)

COP 12/CMP 9/ CMA 12: Report of the forum on the impact of the implementation of response measures - Contact Group

18:00-20:00 OverFlow : COP 12/CMP 9/ CMA 12 : Report of the forum on the impact of the implementation of response measures - Informal Consultation

20:00-22:00 COP 12/CMP 9/ CMA 12: Report of the forum on the impact of the implementation of response measures - Informal Consultation spill over

COP/CMA 7: Informal consultations by the Presidency on the WIM governance (Overflow in MR5)

COP 3b: National Adaptation Plans - Informal Consultation (OVERFLOW in MR4)

COP/CMA 6a/b: Report and Review of the Adaptation Committee - Informal Consultation

Informal consultations on the inclusion of the proposed item "Limiting global warming to 1.5C"

COP 8(f) // CMA 8(f): Funding arrangements for L&D - Informal Consultation

COP 13 - Second periodic review of the long-term global goal under the Convention and of overall progress towards achieving it - Informal Consultation

Meetings of the Convention and the Protocol Bodies

Conference of the Parties (COP)

Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (CMP)
Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA)

Open Meetings

Closed Meetings

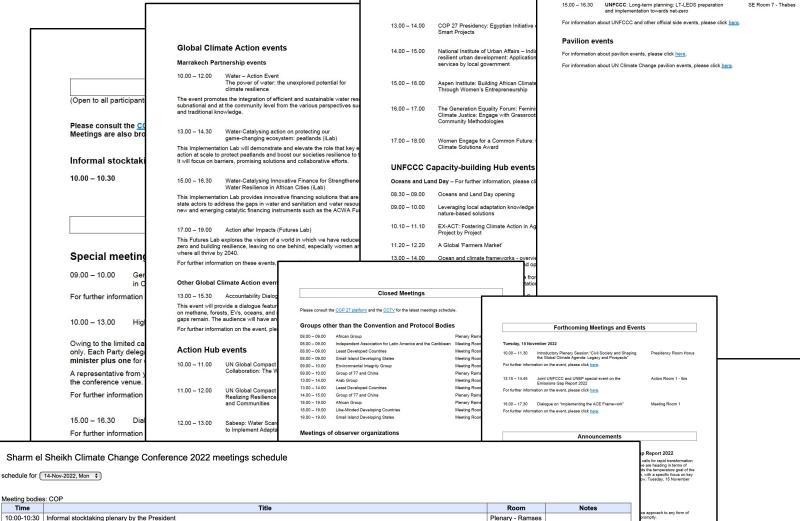
Special meetings and events Global Climate Action events Action Hub events UNFCCC Capacity-building Hub events Groups other than the Convention and Protocol Bodies
Observer organizations

UNFCCC Capacity-building Hub events UNFCCC and other official side events Pavilion events

Please note that the demands of the negotiation process might necessitate changes to this meeting schedule. For real-time information on all meetings, please consult the COP 27 platform and CCTV.

The UNFCCC secretariat and the COP 27 organizers will apply a zero-tolerance approach to any form of harassment. Please be reminded that all COP 27 participants are expected to follow the <u>Code of Conduct.</u>

FCCC/2022/II/OD/8



UNFCCC and other official side events

UNFCCC: Preparing for ETF/BTR: support from the

ment of Safety and Security is open 24 hours a day, at

c.int at any time.

Meeting Room 17

Meeting Room 16

Meeting Room 6

Meeting Room 4

Plenary - Nefertiti

Meeting Room 2

Meeting Room 4

Meeting Room 17 Parties only

Parties only

Parties and Observers only

Parties and Observers only

Open except media
Parties and Observers only

Meeting Room 6 Parties and Observers only

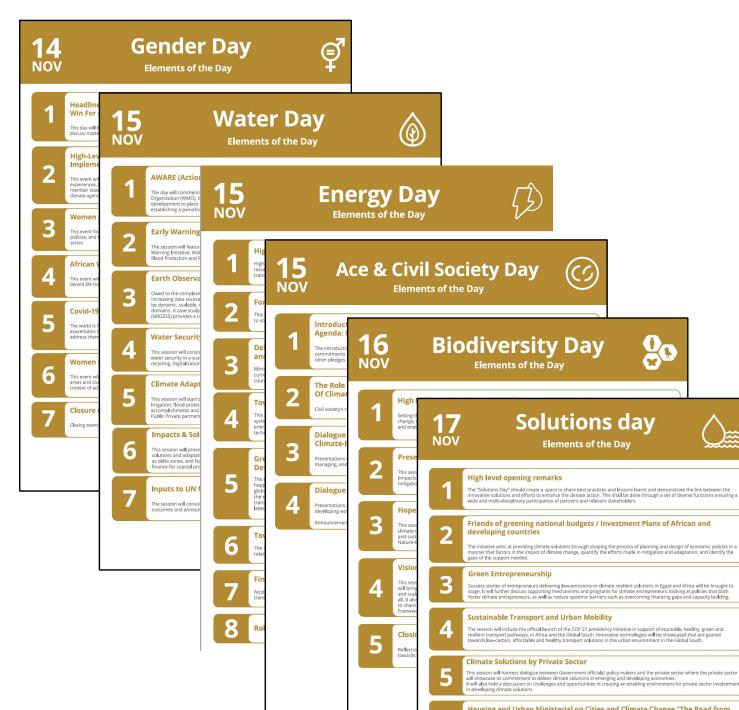
Meeting Room 5 Parties and Observers only

CGE and reflections on way forward

SE Room 9 - Tutankhamun

COP27 "Thematic Days"







Montag, 14.11.

"Gender Day" und "Water Day"

- Badge abholenOrientierung
- Opening Session GenderDay
- -HM Gastvortrag zumThema "Education as aGlobal ClimateAccelerator"
- -Empfang am GermanPavilion, ausgerichtet u.a.von EntwicklungsministerinSvenja Schulze



Nachbericht zur COP27 01.12.2022



Ankunft am Flughafen



Besuch im Water Pavillion



Gastvortrag Georg Zollner und Emma Steger



Gesrpäch mit Svenja Schulze

Dienstag, 15.11.:

"Energy Day" und "ACE & Civil Society Day"

- Loss & Damage:Diskussion derVerhandlungsführer:inn
- Podiusmdiskussion u.a.mit Svenja Schulze"Accelerating The EnergyTransition In Africa"
- Demonstrationen z.B.Fossil of the Day Award



Demonstrationen auf dem Gelände



Arbeiten im Plenarsaal



Poster der Hochschule München



Fossil of the Day Award





Video einer Demonstration für die Erreichung des 1,5 Grad Ziels



Mittwoch, 16.11.: "Biodiversity Day"

- -Constituencies (RINGO, BINGO, Woman and Gender)
- -TED-Talk mit HM-Alumni Mira Gayed
- -Podiumsdiskussion Human Rights & Climate Change u.a. mit Annalena Baerbock
- -Empfang durch Annalena Baerbock



Teil des COP27 im Plenarsaal



Empfang mit Fr. Baerbock, Fr. Schulze, Fr. Lemke





Selfie mit Fr. Baerbock



Donnerstag, 17.11.: "Solutions Day"

- Constituencies (RINGO, BINGO)
- –Meeting mit UNFCCCObserver Relation Team
- Informal Stocktake zu Loss& Damage mit JenniferMorgan und Maisa Rojas
- –Plenary Session zu Loss & Damage



Poster auf dem Gelände



Interviews führen



Interviews geben



Informal Stocktake mit Fr. Morgan und Fr. Rojas



Nachbericht zur COP27 01.12.2022

COP27 Agenda und Dokumente

E) Home	COP 27	Process and meetings	Topics Calendar	Climate action	Documents and decisions	
	11	Matters relating to the least developed countries				
	12	Report of the forum on the impact of the implementation of response measures				
Contact: Kusum Lata KLata@unfccc.int Status: Informal consultations, co-facilitated by Andrei Marcu (Papua New Guinea) and Daniel Waterschoot (EU). In-session documents						
		Symbol	Title	Document type	Date	
		FCCC/CP/2022/L.7-FCCC/KP/CMP/ 2022/L.7	Report of the forum on the impact of the implementation of response measures. Draft decision -/CP.27 - /CMP.17	Draft decisions	24 Nov 2022 11:17 , Download	
		IN.COP27.i12_CMA4.i12_CMP17.i 9.1	Response measures. Informal note	Informal notes	17 Nov 2022 23:48 , English PDF 0.36 MB	
		DT.DD.COP27.i12_CMA4.i12_CMP 17.i9.5	Report of the forum on the impact of the implementation of response measures	Draft negotiating texts	17 Nov 2022 23:30 Lenglish PDF 0.44 MB	
		DT.DD.COP27.i12_CMP17.i9.3	Report of the forum on the impact of the implementation of response measures	Draft negotiating texts	16 Nov 202216:57	
		DT.DD.COP27.i12_CMP17.i9.2	Report of the forum on the impact of the implementation of response measures	Draft negotiating texts	15 Nov 202219:24	
anzeigen		DT.DD.COP27.i12_CMP17.i9.1	Report of the forum on the impact	Draft negotiating texts	15 Nov 202212:06	

COP27 Website mit verschiedenen Dokumenten



DRAFT TEXT

or

COP 27 and CMA 4 agenda item 12 and CMP 17 item 9 Report of the forum on the impact of the implementation of response measures

Version 16/11/2022 17:33

Draft decision -/CP.27/-CMP.17/-CMA.4

Report of the forum on the impact of the implementation of response measures

The Conference of the Parties, the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol and the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement,

Recalling decisions 7/CP.24, 3/CMP.14, 7/CMA.1, 4/CP.25, 4/CMP.15, 4/CMA.2, 19/CP.26, 7/CMP.16 and 23/CMA.3,

- 1. Welcome the Katowice Committee on Impacts of the implementation of response
- measures annual report
- 2. Take note of the of the implementation on the impacts of the ir
- 3. *Adopt* the recorbelow, pertaining to:
- (a) Lessons and negative impacts o
 - (b) Activities
- 4. *Invite* Parties, recommendations in se
- Request the forum sections I–VI below.
- 6. *Appreciate* the work of the forum on t
- 7. Welcome the in workshops held in conj
- 8. Also appreciate

- (i) Request the KCI with the support of the secretariat to develop track and report on the impacts of implementation of the workplan of the tits KCI by SB 58;
- (ii) [Option 1: Enhance capacity and understanding of Parties, on the assessment [of the [domestic and] cross-border impacts] of [car [mitigation measures] [and unilateral climate change related trade mea [promote best practices, strategies and policies [, including] from addressing the reduction of the negative impacts [and maximize the posities [explore ways to reduce the negative impacts to Parties. The KCI [tworkshop] to receive input from experts, practitioners and relevant org SB 59]];
- [Option 2 for (ii): Enhance understanding and capacity of Parties, on the assessment of the cross-border impacts of carbon pricing, mitigation nunilateral climate change related trade measures, and promote be strategies and policies from case studies addressing the reduction of impacts of the response measures. The KCI to organize a workshop to from experts, practitioners and relevant organizations by SB 59];
- (iii) [Build awareness about the positive and negative impacts assaccelerating [the development, deployment and dissemination of techn the adoption of policies, to transition towards low emissions ene including by rapidly scaling up [energy efficiency and] the deployment of generation and energy efficiency measures,] efforts towards the ple [unabated coal] [and other fossil fuels] [fossil fuels] power and inefficient fossil fuel subsidies while providing targeted support to the most vulnerable in line with national circumstances, recognizing the need towards a just transition [of the workforce]. The KCI to receive input practitioners and relevant organizations [and prepare a technical paper];

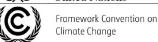
Option 2 for (iii): Text from Glasgow Climate Pact

COP27 **Ergebnisse**



United Nations

FCCC/CP/2022/L.18-FCCC/PA/CMA/2022/L.2



Distr.: Limited 19 November 2022

Original: English

Conference of the Parties

Twenty-seventh session

Agenda item 8(f)

responding to loss and damage associated with the adverse effects of climate change, including a focus on addressing loss and damage

Conference of the Parties serving as the meeting of the Parties to the Paris Agreement

Fourth session

Sharm el-Sheikh, 6-18 November 2022 Agenda item 8(f)

Matters relating to finance

Matters relating to funding arrangements responding to loss and damage associated with the adverse effects of climate change, including a focus on addressing loss and damage

Matters relating to finance

Proposal by the President

Draft decision -/CP.27 -/CMA.4

Funding arrangements for responding to loss and damage associated with the adverse effects of climate change, including a focus on addressing loss and damage¹

The Conference of the Parties and the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement,

Recalling the Convention and the Paris Agreement,

Noting the increasing urgency of enhancing efforts to avert, minimize and address loss and damage associated with the adverse effects of climate change in the light of continued global warming and its significant impacts on vulnerable populations and the ecosystems on which they depend, as illustrated by the findings in relevant recent scientific reports, including the contributions of Working Groups I2 and II3 to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change,

Also noting that keeping the global average temperature rise to below 1.5 °C will be essential to limiting future loss and damage and expressing alarm that the contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate

³ Intergovernmental Panel on Climate Change. 2022. Climate Change 2022: Impacts, Adaptation, and Vulnerability. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. H Pörtner, D Roberts, M Tignor, et al. (eds.) Cambridge: Cambridge University Press. Available at https://www.ipcc.ch/report/ar6/wg2/.



Sharm el-Sheikh, 6-18 November 2022

Matters relating to finance

Matters relating to funding arrangements

Recalling previ state of finance for addre change.4

FCCC/CP/2022/L.18-FCCC/PA/CMA/2022/L.20

Acknowledging t for averting, minimizing of climate change, include

Welcoming relat Risks and the United Na

Acknowledging th and future impacts of cl gaps related to providing with the adverse effects

Recalling paragra and the Conference of th in relation to the adopt relating to funding arran effects of climate cha Conference of the Partie serving as the meeting

- 1. Acknowledge the adequate financial resor the adverse effects of cli damage associated with events and slow onset e rehabilitation, recovery
- Decide to establi are particularly vulneral damage, including with a mobilizing new and add include sources, funds, j Paris Agreement:
- 3. Also decide, in th in paragraph 2 above, to includes a focus on adda
- 4. Establish a tran arrangements for respon of reference contained in for operationalization in Conference of the Partie Conference of the Partie arrangements referred to
- 4 Including but not limited to sources of and modalities (FCCC/TP/2019/1), the Sur impacts, and the 1st Glasgo minimize and address los

FCCC/CP/2022/L.18-FCCC/PA/CMA/2022/L.20

- Agree that the recommendations to operationalize the funding arrangements and the fund referred to in paragraphs 2-3 above shall consider, inter alia
- (a) Establishing institutional arrangements, modalities, structure, governance and terms of reference for the fund referred to in paragraph 3 above
- paragraph 2 above:

Change, in line with other best available science, concluded that the gravity, scope an

frequency of loss and damage will continue to increase with every additional fraction of a

- (c) Identifyi
- (d) Ensuring
- Decide that the informed by the follow
- (a) The cun that are funding activi
- (b) The gaps relating to speed, elig depending on the c
- displacement, relocation climate-resilient recor
- (c) The prio (d) The mo:
- vulnerable populations (e) Potential variety of sources, incl
- Also decide to referred to in paragrapl
- (a) Request participation of a diver with climate change in
- (b) Request arrangements and inno the adverse effects of c
- by 15 February 2023 v the workshops referred
- multilateral and inter enhance access to and relevant to addressing ontions for addressing
- 8. Further decide take place at the fifty-Body for Implementa
- Decide that the held at the fifty-sixth Dialogue shall focus of in paragraph 2 above a
- https://www4.unfecc.int/ See decision 1/CMA.3, p

FCCC/CP/2022/L.18-FCCC/PA/CMA/2022/L.20

support from existing funding arrangements relevant for, inter alia, responding to economic and non-economic losses, slow onset events and extreme weather events, and that they will inform the work of the Transitional Committee

- 10. Request the Chair of the Subsidiary Body for Implementation to provide a summary report on each Glasgow Dialogue no later than four weeks thereafter
- 11. Invite the United Nations Secretary-General to convene the principals of international financial institutions and other relevant entities with a view to identifying the most effective ways to provide funding to respond to needs related to addressing loss and damage associated with the adverse effects of climate change:
- 12 Also invite international financial institutions to consider at the 2023 Spring Meetings. of the World Bank Group and the International Monetary Fund, the potential for such institutions to contribute to funding arrangements, including new and innovative approaches, responding to loss and damage associated with the adverse effects of climate change:
- 13. Reiterate decision 1/CMA.3, paragraph 64, in which developed country Parties, the operating entities of the Financial Mechanism, United Nations entities and intergovernmental rganizations and other bilateral and multilateral institutions, including non-governmen

FCCC/CP/2022/L.18-FCCC/PA/CMA/2022/L.20

Annex

Terms of reference for the Transitional Committee on the operationalization of the new funding arrangements for responding to loss and damage and the associated fund

- The Transitional Committee will make recommendations for consideration by the Conference of the Parties (COP) at COP 28 (November-December 2023) and the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA) at CMA 5 (November-December 2023) in accordance with paragraphs 4-5 of this decision.
- The Transitional Committee will serve as a coordination mechanism that suides and oversees, as appropriate, the activities referred to in paragraph 7 of this decision.
- 3. The work of the Transitional Committee will be concluded with the adoption no late than at COP 28 and CMA 5 of decision(s) related to the new funding arrangements responding to loss and damage associated with the adverse effects of climate change, including a focus on addressing loss and damage, and the fund established in paragraph 3 of

II. Composition

- The Transitional Committee shall have 24 members, to be nominated no later than 15 December 2022, comprising 10 members from developed country Parties and 14 members from developing country Parties, with geographical representation as follows:
- (a) Three members from Africa, including a representative of the President of
- (b) Three members from Asia and the Pacific, including a representative of the
 - (c) Three members from Latin America and the Caribbean
 - (d) Two members from small island developing States
- (e) Two members from the least developed countries:
- One member from a developing country Party not included in the categories

III. Modalities of work

- 5. The Transitional Committee shall be chaired by two co-chairs, one from a developed country Party and one from a developing country Party
- 6. The Transitional Committee will hold at least three meetings per year
- 7. The UNFCCC Executive Secretary, in consultation with the President of COP 27, will convene the 1st meeting of the Transitional Committee no later than 31 March 2023
- 8. Recommendations of the Transitional Committee shall be adopted by consensus
- The Transitional Committee will be guided by the best available science in conducting









¹ This item and the outcomes thereof are without prejudice to the consideration of similar issues in the

Intergovernmental Panel on Climate Change. 2021. Climate Change 2021: The Physical Science Basis. Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. V Masson-Delmotte, P Zhai, A Pirani, et al. (eds.). Cambridge: Cambridge University Press. Available at https://www.ipcc.ch/report/ar6/wg1/_

Freitag, 18.11.: Letzter offizieller Tag

- –Constituency (RINGO)
- Podiumsdiskussion u. a.mit Lea Nesselhauf(GermanZero) und LuisaNeubauer (Fridays for Future)
- Pressekonferenz mitAnnalena Baerbock



Interview mit Lea Nesselhauf



Interview mit Masopha Moshoeshoe



Podiumsdiskussion u.a. mit Luisa Neubauer



Presskonferenz Annalena Baerbock



Nachbericht zur COP27 01.12.2022

Zwischenmenschlicher Austausch

Wer sind Sie?

Wie sind sie persönlich vom Klimawandel und seinen Auswirkungen betroffen?



Behind the Scences eines Interview

Was machen Sie?

Wenn Sie eine Maßnahme direkt umsetzen könnten, welche wäre das?



Interview mit Svenja Schulze und Hindu Oumarou Ibrahim







Videos der Interviews mit Svenja Schulze und Hindu Oumarou Ibrahim

Berichte, die unter die Haut gehen

• Überschwemmungskatastrophe in Pakistan 2022

- Pakistan hat ca. 2x die Größe von Deutschland
- Pakistan hat mit ca. 220 Mio. Einwohnern knapp 3x so viele wie D.
- Mitte Juni 2022 stärkste Regenfälle seit 30 Jahren
- zeitweise stand 1/3 des Landes unter Wasser
- 33 Mio. Menschen mussten Unterkunft verlassen
- 1.700 Tote, 2 Mio. beschädigte Häuser, ca. 800 Tsd. verendete Nutztiere, 3.000 km Straßen zerstört, 16.000 Schulen beschädigt/zerstört...

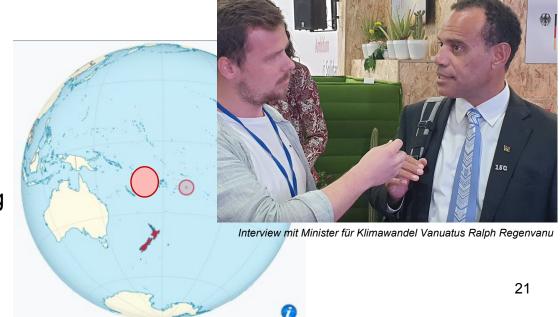


Quelle: https://www.zeit.de/gesellschaft/zeitgeschehen/2022-09/flut-in-pakistan-50-tote

Inselstaaten Vanuatu oder Niue

- liegen im Südpazifik,
- Vanuatu 300.000 Einwohner
- Vanuatu: Platz 1 der gefährdeten Staaten It. Weltrisikobericht
- Erdbeben und tropische Stürme/Zyklonen (2020)
- Niue heute nur noch 2.000 Einwohner, 24.000 Abwanderung nach Neuseeland





Allgemeine Eindrücke

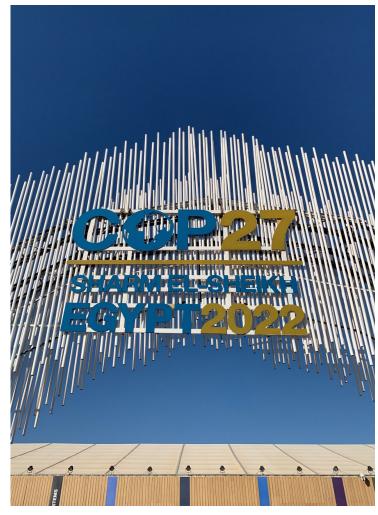


Abbildung 25: Eingangstor zur COP27



Nachbericht zur COP27 01.12.2022

- Friedlichen Zusammenkommens von 195 Ländern
- Überwältigendes Angebot
- Persönlicher Kontakt zu und Austausch mit verschiedensten Menschen
- Gefühl: "Wir waren mitten drin"
- Nüchternheit der Schriftsätze
- Enge Verknüpfung von
 Menschenrechten und Klimawandel
- Perspektivwechsel, emotionale Komponente
- Link zum Reel



Ausblick – Wie geht es weiter?

- Weitergabe unseres Wissen und Erfahrungen (z.B. COP27 Webseite, Termin mit Präsidium und weiteren Hochschulgremien)
- Bildungsauftrag erweitern und anpassen Überlegungen z.B. zu
 - neuen Vorlesungsmodulen, z.B. neues AW Fach an der FK13, ZukunftGestalten@HM, ...
 - neuen Vorlesungsinhalten
 - Vernetzung mit anderen Hochschulen
 - Internationalen Kontakten zu Einrichtungen des globalen Südens
- Format entwickeln, um Studierenden und weiteren Hochschulangehörigen die Teilnahme an zukünftigen COPs zu ermöglichen.









Ihre Ansprechpartner:innen

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- Anna-Maria Steil
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- Leon Unewisse Studierender | Fakultät Bauingenieurwesen <u>leon.unewisse@hm.edu</u>
- Prof. Dr. Georg Zollner

 Professor | Fakultät Betriebswirtschaft georg.zollner@hm.edu

