

## IGF 2019 CALL FOR ISSUES 'SNAPSHOT' – RAW SUBMISSIONS AS RECEIVED

**350 submissions in response to call**

**Categories/Baskets in descending order:**

**Cybersecurity, Trust & Privacy [67]**

**Evolution of Internet Governance [61]**

**Emerging Technologies (AI, distributed ledger, etc.) [57]**

**Digital Inclusion and Accessibility [45]**

**Innovation & Economic Issues [28]**

**Human Rights [26]**

**Gender & Youth [26]**

**Other [19]**

**Media & Content [12]**

**Technical & Operational Topics [9]**

**Stakeholder Groups in descending order:**

**Civil Society [140]**

**Private Sector [104]**

**Technical Community [79]**

**Government [19]**

**Intergovernmental Organization [8]**

**Regional Groups in descending order:**

**Asia-Pacific Group [113]**

**Western European and Others Group [111]**

**Other [42]**

**African Group [40]**

**Eastern European Group [21]**

**Latin American and Caribbean Group [17]**

**Intergovernmental Organizations [6]**

## OVERVIEW OF INPUTS SORTING PROCESS

1. Review of all inputs; screening out invalid submissions (blank or duplicates); result is **324 inputs**
2. Scanning for common concepts and terms to establish consolidated, comprehensive list of **55 issues**

-5G	-DIGITAL IDENTITY	-INTERNET PROTOCOLS
-ACCESS & CONNECTIVITY	-DIGITAL SOVEREIGNTY	-INTERNET RESOURCES
-AGEING POPULATIONS	-DISTRIBUTED LEDGER-BLOCKCHAIN	-INTERNET SHUTDOWNS
-ALGORITHMS	-DOMAIN NAME SYSTEM (DNS)	-IoT
-BIG DATA	-ENCRYPTION	-LEGAL & REGULATORY ISSUES
-BROADENING STAKEHOLDER PARTICIPATION IN IG	-FAKENEWS	-LOCAL CONTENT & MULTILINGUALISM
-CHILD ONLINE SAFETY	-FOE ONLINE	-MULTISTAKEHOLDERISM
-COMMUNITY NETWORKS	-FUTURE OF WORK	-NET NEUTRALITY
-CRYPTOCURRENCY	-GENDER	-ONLINE EDUCATION
-CYBER ATTACKS	-HATE SPEECH	-OPEN ACCESS/FRAGMENTATION
-CYBERCRIME	-IGF ORGANIZATION & ROLE	-PERSONS WITH DISABILITIES (PWD)
-CYBERDIPLOMACY	-INDIGENOUS PEOPLES	-REFUGEES
-CYBERSECURITY BEST PRACTICES	-INFRASTRUCTURE	-RURAL COMMUNITIES
-DATA PRIVACY & PROTECTION	-INTELLECTUAL PROPERTY	-SOCIAL MEDIA
-DATA SERVICES	-INTERNET & SOCIETAL CHALLENGES	-SURVEILLANCE CAPITALISM
-DEEP FAKE VIDEOS	-INTERNET & THE ENVIRONMENT	-TRUST & ACCOUNTABILITY
-DEMOCRACY	-INTERNET ETHICS	-VIRTUAL REALITY
-DIGITAL CAPACITY BUILDING	-INTERNET FOR DEVELOPMENT & SDGS	-YOUTH

3. Submissions contain issues which are 2 or 3 issues in one; 'coding' them with list above
4. Consolidating 10 'baskets' or categories into **6 themes**; assigning submissions marked 'other' and lowest subscribed to one of 6

## CLOSER LOOK AT ISSUES

RANK	ISSUE	FREQ.	%	RANK	ISSUE	FREQ.	%	RANK	ISSUE	FREQ.	%
1	AI	34	13%	18	CYBERDIPLOMACY	6	2%	36	DOMAIN NAME SYSTEM	3	1%
2	DATA PRIVACY & PROTECTION	26	10%	19	INTERNET & THE ENVIRONMENT	6	2%	37	FAKENEWS	3	1%
3	INTERNET ETHICS	21	8%	20	RURAL COMMUNITIES	6	2%	38	FOE ONLINE	3	1%
4	DIGITAL CAPACITY BUILDING	19	7%	21	5G	6	2%	39	INT & SOC CHALLENGES	3	1%
5	INTERNET FOR DEVELOPMENT & SDGS	18	7%	22	SOCIAL MEDIA	6	2%	40	INTERNET PROTOCOLS	3	1%
6	ACCESS & CONNECTIVITY	17	7%	23	DEMOCRACY	5	2%	41	INTERNET SHUTDOWNS	3	1%
7	CYBERSECURITY BEST PRACTICES	17	7%	24	DISTRIBUTED LEDGER-BLOCKCHAIN	5	2%	42	INTERNET RESOURCES	3	1%
8	LEGAL & REGULATORY ISSUES	15	6%	25	MULTISTAKEHOLDERISM	5	2%	43	SURVEILLANCE CAPITALISM	2	1%
9	IGF ORGANIZATION & ROLE	14	5%	26	DIGITAL SOVEREIGNTY	5	2%	44	CYBERCRIME	2	1%
10	YOUTH INCLUSION	14	5%	27	PERSONS WITH DISABILITIES	5	2%	45	ENCRYPTION	2	1%
11	IoT	13	5%	28	DIGITAL IDENTITY	5	2%	46	ONLINE EDUCATION	2	1%
12	TRUST & ACCOUNTABILITY	13	5%	29	CYBER ATTACKS	4	2%	47	CRYPTOCURRENCY	1	<1%
13	GENDER EQUALITY	10	4%	30	LOCAL CONTENT & MULTILINGUALISM	4	2%	48	DEEP FAKE VIDEOS	1	<1%
14	FUTURE OF WORK	9	3%	31	ALGORITHMS	3	1%	49	HATE SPEECH	1	<1%
15	BIG DATA	7	3%	32	BROADENING STAKEHOLDER PARTICIPATION IN IG	3	1%	50	INDIGENOUS PEOPLES	1	<1%
16	OPEN ACCESS/FRAGMENTATION	7	3%	33	COMMUNITY NETWORKS	3	1%	51	INTELLECTUAL PROPERTY	1	<1%
17	CHILD ONLINE SAFETY	6	2%	34	DATA SERVICES	3	1%	52	NET NEUTRALITY	1	<1%
				35	AGEING POPULATIONS	3	1%	53	REFUGEES	1	<1%
								54	VIRTUAL REALITY	1	<1%
								55	INFRASTRUCTURE	1	<1%

## CLOSER LOOK AT THEMES & THEME CONSOLIDATION

### 1. as received

<u>Themes</u>	<u>Inputs</u>
Cybersecurity, Trust & Privacy	62
Emerging Technologies	60
Evolution of Internet Governance	56
Digital Inclusion & Accessibility	39
Innovation & Economic Issues	25
Human Rights	24
Gender & Youth	20
Other	18
Media & Content	12
Technical & Operational Topics	8

### 2. consolidated

<u>Themes</u>	<u>Inputs</u>	<u>%</u>
<b>Cybersecurity, Trust &amp; Privacy</b>	<b>73</b>	<b>23%</b>
<b>Digital Cooperation &amp; Future of the Internet*</b>	<b>72</b>	<b>22%</b>
<b>Emerging Technologies</b>	<b>60</b>	<b>19%</b>
<b>Digital Inclusion &amp; Accessibility</b>	<b>50</b>	<b>15%</b>
<b>Human Rights</b>	<b>36</b>	<b>11%</b>
<b>Sustainable Development, Innovation &amp; Economic Issues**</b>	<b>33</b>	<b>10%</b>

\*'Evolution of IG' tentatively changed to include multistakeholderism, cooperation issues, Internet values & principles, ethical issues

\*\*'Innovation & Econ Issues' tentatively changed to include environmental & other SDG-related issues

## REGIONAL BREAKDOWN OF THEMES

Africa (35)	
Digital Inclusion	29%
Digital Cooperation & Future of the Internet	23%
Cybersecurity	20%
Human Rights	17%
Emerging Tech	11%

Asia Pacific (102)	
Cybersecurity	27%
Emerging Tech	26%
Digital Cooperation & Future of the Internet	21%
Digital Inclusion	14%
Sustainable Development, Innovation & Economic Issues	7%
Human Rights	5%

Eastern Europe (21)	
Digital Cooperation & Future of the Internet	38%
Sustainable Development, Innovation & Economic Issues	14%
Cybersecurity	14%
Digital Inclusion	14%
Emerging Tech	10%
Human Rights	10%

Latin America & Caribbean (16)	
Digital Cooperation & Future of the Internet	31%
Digital Inclusion	25%
Cybersecurity	19%
Human Rights	13%
Sustainable Development, Innovation & Economic Issues	13%

WEOG (107)	
Cybersecurity	22%
Digital Cooperation & Future of the Internet	21%
Emerging Tech	21%
Innovation & Economic Issues	14%
Human Rights	12%
Digital Inclusion	9%

Other (37)	
Digital Inclusion	22%
Human Rights	22%
Digital Cooperation & Future of the Internet	16%
Innovation & Economic Issues	16%
Cybersecurity	14%
Emerging Tech	11%

## STAKEHOLDER BREAKDOWN OF THEMES

<b>Civil Society (132)</b>	
Digital Inclusion	21%
Digital Cooperation & Future of the Internet	20%
Human Rights	18%
Cybersecurity	17%
Emerging Tech	14%
Sustainable Development, Innovation & Economic Issues	10%

<b>Government (17)</b>	
Cybersecurity	35%
Digital Cooperation & Future of the Internet	29%
Digital Inclusion	18%
Human Rights	12%
Emerging Tech	6%

<b>IGOs (7)</b>	
Cybersecurity	29%
Human Rights	29%
Digital Cooperation & Future of the Internet	29%
Sustainable Development, Innovation & Economic Issues	14%

<b>Private Sector (95)</b>	
Digital Cooperation & Future of the Internet	27%
Cybersecurity	22%
Emerging Tech	20%
Sustainable Development, Innovation & Economic Issues	13%
Digital Inclusion	11%
Human Rights	7%

<b>Technical Community (73)</b>	
Cybersecurity	30%
Emerging Tech	29%
Digital Cooperation & Future of the Internet	18%
Digital Inclusion	12%
Sustainable Development, Innovation & Economic Issues	10%
Human Rights	1%

## Themes & Constituent Issues - Heatmap

	Cybersecurity, Trust and Privacy	Digital Inclusion & Accessibility	Emerging Technologies	Future of the Internet & Digital Cooperation	Human Rights	Sustainable Development, Innovation & Economic Issues
AI	3	3	24	2	1	1
DATA PRIVACY & PROTECTION	16	1	3	3	2	1
INTERNET ETHICS			7	11	2	1
DIGITAL CAPACITY BUILDING	5	9	3		1	1
INTERN. FOR DEVELOPMENT, SDGS		4	5	3		6
CYBERSECURITY BEST PRACTICES	11	2		1	3	
ACCESS & CONNECTIVITY		13			2	2
LEGAL & REGULATORY ISSUES	3		4	3	6	
IGF ORGANIZATION & ROLE	1	3	1	9		
TRUST & ACCOUNTABILITY	4		2	4	1	2
IoT	6		1	4		2
YOUTH INCLUSION		6		4	2	
GENDER EQUALITY		3		2	4	1
FUTURE OF WORK			2	1		6
SOCIAL MEDIA	4		1	2		
OPEN ACCESS/FRAGMENTATION	1		1	3	2	
BIG DATA			5	1		1
DIGITAL IDENTITY	4				1	1
CYBERDIPLOMACY	3	1	1	1		
RURAL COMMUNITIES		5				1
CHILD ONLINE SAFETY					6	
DISTRIBUTED LEDGER-BLOCKCHAIN	1		4			
DIGITAL SOVEREIGNTY	2		1	2		
PWD		4	1			
DEMOCRACY		1	1	1	2	
5G			4			1
MULTISTAKEHOLDERISM				5		
INTERNET & THE ENVIRONMENT				1		4
CYBER ATTACKS	4					
LOCAL CONTENT		4				
DNS				2		2
INTERNET PROTOCOLS	1			1		1
ALGORITHMS	1			1	1	

	Cybersecurity, Trust and Privacy	Digital Inclusion & Accessibility	Emerging Technologies	Future of the Internet & Digital Cooperation	Human Rights	Sustainable Development, Innovation & Economic Issues
COMMUNITY NETWORKS		3				
INTERNET & SOCIETAL CHALLENGES					3	
DATA SERVICES		1	2			
FOE ONLINE				1	2	
INTERNET SHUTDOWNS				1	2	
SH PARTICIPATION IN IG				3		
FAKENEWS	3					
AGEING POPULATIONS		2			1	
CYBERCRIME	2					
ENCRYPTION	2					
INTERNET RESOURCES	1					1
ONLINE EDUCATION		1	1			
REFUGEES					2	
SURVEILLANCE CAPITALISM						2
INFRASTRUCTURE	1					
DEEP FAKE VIDEOS	1					
INDIGENOUS PEOPLES		1				
CRYPTOCURRENCY			1			
VIRTUAL REALITY			1			
NET NEUTRALITY				1		
INTELLECTUAL PROPERTY						1
HATE SPEECH					1	



## SOME OBSERVATIONS

-Concerning the broader **themes**, **Cybersecurity** remains the top priority for the community. What is notable between 2018 and 2019, is the jump in popularity of the **Emerging Technologies** theme, which is almost on par with Cybersecurity, and driven in part by the very strong interest in issues related to **Artificial Intelligence**. **Human Rights** acquired more prominence this year, moving from 8<sup>th</sup> most popular theme to 6<sup>th</sup>. **Technical & Operational Topics** and **Media & Content** remain the least subscribed themes from 2018 to 2019.

-Some particular **issues** are new this year: **5G**, **Ageing Populations**, **'Deep Fake Videos'**, **Digital Identity**, **Digital Sovereignty**, and **Surveillance Capitalism** (as a way of referring to surveillance and personal data collection for marketing purposes). The buzz term 'digital sovereignty' was interestingly referred to in a variety of ways by respondents: as a state's right to determine its own digital policy; as a state's 'sovereignty' from big tech; and as an individual's digital sovereignty.

-There was a marked drop in the following issues compared to 2018: **Net Neutrality**, **Cryptocurrency** and **Virtual Reality**.

- A few issues disappeared altogether: **Citizen Journalism**, **Libraries** and **OTT Services**.