

# NTS BULLETIN

www.rsis.edu.sg/research/nts-centre

August 2019

#### **CLIMATE SECURITY**

page 3

### **ENERGY SECURITY**

page 3

#### **FOOD SECURITY**

page 4

# HEALTH SECURITY

page 5

# HUMANITARIAN ASSISTANCE AND DISASTER RELIEF

page 5

# MIGRATION page 6

The 5th Sustainable Development Goal (SDG) seeks to attain gender equality and empower women and girls. It recognises that the inclusion and participation of women are central to the achievement of all 17 SDGs. The biggest barrier to progress in this area is that women around the world continue to suffer from various forms of violence, harassment, and discrimination. The UN Women estimates that 1 in 5 women have experi-enced physical and / or sexual violence.

Women also tend to bear the brunt of unpaid

work, and remain underrepresented in

the formal workforce and decision-making posi-tions. These issues are pervasive not

only in "peace time" but especially during

times of emergencies and calamities.

Women tend to be disproportionally affected by humanitarian crises and natural disasters. The World Health Organization (WHO) reports that women and their children account for more than 75 per cent of displaced persons. This usually results to loss of livelihoods and lack of access to basic support services making them more vulnerable. And women that stay behind to care for family members are

further exposed to harm and hunger as they are left to fend for themselves and their dependents in increasingly dangerous and unstable situations.

UN records show that women, together with children, are 14 times more likely to die or get injured than men in natural disasters. UN figures also indicate that women are at greater risk than male counterparts from post-disaster abuse and exploitation. The chaos that ensues after a disaster makes it difficult to provide sufficient protection while existing mechanisms and people affected are under additional pressure.

The critical role of women in humanitarian action and disaster management are often overlooked. But women are rather familiar with their neighbourhood and household. Their local knowledge of community needs and vulnerable groups, and access to social networks are central to disaster preparedness and emergency response planning.

At the on-set of an emergency or disaster, women secure aid to meet to the immediate life-saving needs of family members. Their traditional responsibilities as primary care

# Standing in the Gap: Achieving Gender Equality and Celebrating #WomenHumanitarians



Photo Credits: <u>Jeffrey Pioquinto, SJ</u> via Flickr under <u>creative commons license</u>

takers are often expanded and amplified while grappling with considerably less resources and support. Women also assume roles of first responders, both informally and formally as part of organised humanitarian efforts. This includes rapid assessment of needs, passing around information, and other functions essential to the path to recovery such as managing the family's relocation.

This year's World Humanitarian Day (WHD) theme is #WomenHumanitarians. an acknowledgement of the important contribution of courageous women in times of crisis. On 19 August 2019, United Nations Office for the Coordination of Humanitarian Affairs (UN OCHA) showcased the experiences of women humanitarians around the globe to honor their dedication in making the world a better place. How else can we encourmore participation #WomenHumanitarians? Here are two main challenges that must be kept in mind as we move forward:

First, there appears to be an urgent need to significantly improve aid worker secu-

rity. Last year's WHD theme #NotATarget highlights this issue and the trend seems to continue. According to a Humanitarian Outcomes report, last year was the second worst year on record for aid worker security. 399 aid workers, including women, were either killed, wounded, or kidnapped in 221 separate incidents. Humanitarian Outcome notes that differentiated data on sexual violence, misconduct, and abuse is still weak across the sector. This suggests that numbers are likely underreported including incidents in Asia-Pacific. This also indicates that current gender-based risk management lacks an evidence base which in turn limits our efforts to better understand and proactively deal with the problems female aid workers face.

The UN OCHA Ending Sexual and Gender Based Violence Conference outlines steps to address gender-based violence in humanitarian affairs: (i) do more gender analysis in programming, (ii) prioritise funding for gender-equality programmes, and (iii) further promote women's leadership and participation in decision-making.

Second, while humanitarian and disaster management activities have been more gender-sensitive and inclusive, more needs to be done. According to the UN Women, efforts to engage women in the Asia-Pacific often focus on consultation rather than representation because of lack of legal protections and prevailing gender inequalities. Aid and relief should not only be informed by the people most affected but also led by it such as women. We must remember that women are not only affected, they are also the integral part of the solution. Humanitarian assistance and disaster relief will be more effective when women are empowered to define their roles, their own needs, and the protection they need during the response.

# **Suggested Readings**

- HPN. 2019. Special feature: Making humanitarian action work for women and girls. London, UK: Humanitarian Practice Network.
- Stoddard, A., Harvey, P., Czwarno, M., & Breckenridge, M. 2019. Aid worker security report 2019: Speakable: Addressing sexual violence and gender-based risk in humanitarian aid. London, UK: Humanitarian Outcomes.
- United Nations. 2019. Goal 5: Achieve gender equality and empower all women and girls.
- UN Women. 2019. Humanitarian Action.
- UNOCHA. 2019. World Humanitarian Day 2019.
- World Health Organization. 2019. Gender and disaster.

#### **CLIMATE SECURITY**

#### **NEWS & COMMENTARIES**

'Time is running out': **Tackling climate** change a priority for Singapore, says **Masagos** 

Matthew Mohan, Channel News Asia 17 July 2019

**Commentary: As time** runs out on the climate crisis, Singapore Commentary: Singaprepares to address the cost of adapting

Jaime Ho. Channel News Asia 21 July 2019

The 2 water cuts show we must plan for water security

Asher Lim. New Straits Times 24 July 2019

Climate change: Current warming 'unparalleled' in 2,000

years Matt McGrath, **BBC** 25 July 2019

25 July 2019

Global climate crisis: Ambitious goals, modest policies Pierre Noël, IISS

pore's climate change fight must be clear about these facts

Bertrand Seah, Tim Min Jie, Sarah Ichioka, Wong Pei Chi, Channel News Asia 27 July 2019

**Britons view climate** change as more vital then Brexit: Survey Reuters, The Straits Times 27 July 2019

Big tech needs to save the deep seas Adam Minter,

Bloomberg

#### SELECTED PUBLICATIONS

Climate change, peacebuilding and sustaining peace

Florian Krampe, Stockholm International Peace Research Institute (SIPRI) Policy Brief 2019

Plastic & climate: The hidden costs of a plastic planet

Center for International Environmental Law (CIEL) 2019

#### **EVENTS & ANNOUNCEMENTS**

**Asia-Pacific Climate** Week 2019

2-6 September 2019 Bangkok, Thailand

**Pro-active Management** of Forests to Combat **Climate Change Driven Risks** 

3-4 September 2019 Istanbul, Turkey



Courtesy of Flickr account of European Commission DG ECHO and used under a creative commons license.

### **NEWS AND COMMENTARIES**

Will Singapore warm up to nuclear energy to combat climate change?

Samantha Boh, South China Morning Post 22 July 2019

IAEA member states pay tribute to late Director General Yukiya **Amano** 

International Atomic Energy Agency 25 July 2019

Singapore wellpositioned to build a sustainable, smartenergy future

Toh Seong Wah and Zhang

Lei,

The Business Times

30 July 2019

Chinese renewable energy investment abroad soars - but coal still dominant

Reuters. South China Morning Post 30 July 2019

Filipino firm pilots 200-KW floating solar power in Magat Dam

Liza Agoot, Eco-Business, 1 August 2019

What should we do with radioactive nuclear waste? John Vidal.

The Guardian 1 August 2019



Courtesy of Wikimedia account of Gretchen Mahan and used under a creative commons license.

#### SELECTED PUBLICATIONS

Human resource development for nuclear power programmes

International Atomic Energy Agency, Vienna: IAEA

2019

# Energy security in ASEAN+6

International Energy Agen-

cy, Paris: IEA

#### **EVENTS AND ANNOUNCEMENTS**

Call for Papers: The 2020 IAEA International Essay Competition on Nuclear Security for Students and Early Career Professionals

6 September 2019 Vienna, Austria The 17th International Conference on Clean Energy (ICCE-2019)

9–12 August 2019 Jiangsu, China

#### **FOOD SECURITY**



Courtesy of Flickr account of olly301 and used under a creative commons license.

#### SELECTED PUBLICATIONS

Contract farming and public-private partnerships in aquaculture: Lessons learned from East African countries
Pierre Murekezi, Ana
Menezes and Neil Ridler,
FAO Fisheries and Aquaculture Technical Paper

Rome: UN FAO

Understanding food systems drivers: A critical review of the literature Christophe Béné et al., Global Food Security 23, pp. 149–159 2019

#### **NEWS & COMMENTARIES**

Indonesia prepares for battle with fall armyworm

The Jakarta Post

China's pig herd may shrink by 50% due to African swine fever: Rabobank

Hallie Gu and Shivani Singh, Reuters 30 July 2019

Laos transforming farming to meet needs of Asean market Vientiane Times.

Asia News Network 3 August 2019

3 August 2019

New farm pests emerging as a food-security threat, maize yield hit Zia Haq, Hindustan Times Low risk in food from radiation-affected areas of Japan: FDA

Chang Ming-hsuan and Chung Yu-chen, Focus Taiwan News Channel

3 August 2019

Farmers decry low farmgate prices of rice Rhodina Villanueva, Philippine Star 4 August 2019

UN grants humanitarian sanctions exemptions for food security, water projects Oliver Hotham, NK News

5 August 2019

### **EVENTS & ANNOUNCEMENTS**

Forty Sixth Session of the Committee on World Food Security 14–18 October 2019 Rome, Italy Rural Development and Food Security Forum 2019 28–30 October 2019 Manila, the Philippines



Courtesy of Flickr account of World Fish and used under a creative commons license

#### **HEALTH SECURITY**



Courtesy of Flickr account of DFID and used under a creative commons license.

#### SELECTED PUBLICATIONS

Chlamydia, gonorrhea, trichomoniasis
and syphilis: global
prevalence and incidence estimates, 2016
Jane Rowley et al.,
Bulletin of the World
Health Organisation, Vol.
97, No. 8
2019

Community-based care for healthy ageing: lessons from Japan Junko Saito et al., Bulletin of the World Health Organisation, Vol. 97, No. 8

#### **NEWS & COMMENTARIES**

Digital technology can make a significant impact on healthcare Lance Little.

The Business Times
23 July 2019

# What exactly is a disease?

Duane Mellor and Shahid Merali, The Conversation 24 July 2019

Smartphone virus scanner is not what you think Science Daily 30 July 2019 Will Artificial Intelligence improve health care for everyone?

Jeremy Hsu, SmithsonianMag 31 July 2019

Research looks at virus past to predict future outbreaks

Mary Beth King, Phys.Org 1 August 2019

Ebola crisis: Rwanda reopens border with DR Congo amid outbreak BBC

2 August 2019

#### **EVENTS & ANNOUNCEMENTS**

BRTMA-Malaysia International Congress on Tropical Medicine (BMICTM)

13–15 November 2019 Sarawak, Malaysia 6th International Conference on Biomedical and Bioinformatics Engineering 2019

13–15 November 2019 Shanghai, China



Courtesy of Flickr account of The IET and used under a creative commons license.

### **HUMANITARIAN ASSISTANCE AND DISASTER RELIEF**

# **NEWS & COMMENTARIES**

South Asia monsoon leaves thousands in need

*Irwin Loy, The New Humanitarian* 15 July 2019

Head to Head: Biometrics and Aid

Linda Raftree and Karl Steinacker, The New Humanitarian 17 July 2019 ADB introduces contingent disaster financing for natural disasters

Asian Development Bank

1 August 2019



Courtesy of Flickr account of US Army and used under a creative commons license.

Hugo Slim: ICRC partnerships, today and tomorrow, in conflict and disaster (Singapore Red Cross 70th Anniversary) International Committee of the Red Cross (ICRC)

1 August 2019

UNDAC Induction Course (Indonesia): Helping 30 international relief workers to be ready for an emergency

Télécoms Sans Frontières

1 August 2019

Study highlights need to rethink emergency responses for children in humanitarian settings UN Columbia University Mailman School of Public Health, EurekAlert!

Batanes placed under state of calamity

Oliver T. Baccay, Philippine Information Agency

1 August 2019

1 August 2019

#### **SELECTED PUBLICATIONS**

Multi-year humanitarian funding: A thematic evaluation

Simon Levine, Lewis Sida, Bill Gray and Courtenay Cabot Venton,

Humanitarian Policy Group

Development of Sentinel Asia as a platform to facilitate space-based technology application to disaster management operations

Koji Suzuki, Makoto Ikeda and Shiro Kawakita, UNDRR 2019

#### **EVENTS & ANNOUNCEMENTS**

Risk & Resilience Conference 2019 (ARRC 2019) 28–30 August 2019 Singapore Australian Disaster Resilience Conference
2019
28–29 August 2019

Melbourne, Australia

## **MIGRATION**



Courtesy of Flickr account of ILO Asia Pacific and used under a creative

## South China Morning Post 31 July 2019

ASEAN's Safe Migration Campaign comes up short Tommy Koh,

#### East Asia Forum

1 August 2019

Malaysia to reform labor laws to cut 'overdependence' on foreigners: PM

#### **NEWS & COMMENTARIES**

Innovative solutions to the plight of climate migrants

*Mia Swart, AI-Jazeera*15 July 2019

Desperation driving

Rohingya to traffickers, U.N. envoy warns Beh Lih Yi, Reuters 18 July 2019

Singapore back in play as more Hongkongers consider migrating due to deepening political crisis

Dewey Sim, South China Morning Post 28 July 2019

Migration in Asia should be an opportunity for workers, not traffickers Tomoko Nishimoto, Jeremy Douglas and Mohammad

Naciri,

# SELECTED PUBLICATIONS

World Bank financing to support refugees and their hosts: Recommendations for IDA19

Lauren Post, Cindy Huang

Lauren Post , Cindy Huang and Sarah Charles, Centre for Global Development 2019 Quarterly Mixed Migration Update
Mixed Migration Centre
2019

#### **EVENTS & ANNOUNCEMENTS**

Climate Change and Migration

20–21 October 2019 Amsterdam, The Netherlands Migration and Development in the 'Global South': Research Challenges and Policy Implications 24–25 October 2019

Istanbul, Turkey