



Science in Exile

An initiative of UNESCO-TWAS, IAP and ISC



**International
Science Council**
The global voice for science

www.twas.org/science-exile-initiative

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Science in Exile: Global trends

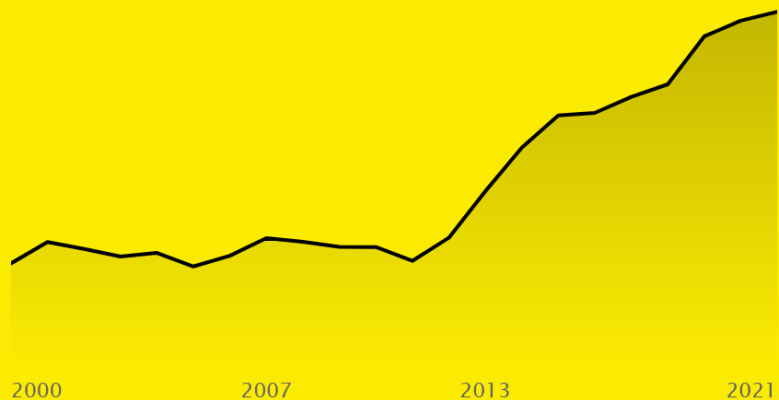
How many of these are scientists? How many are women scientists?



84 MILLION

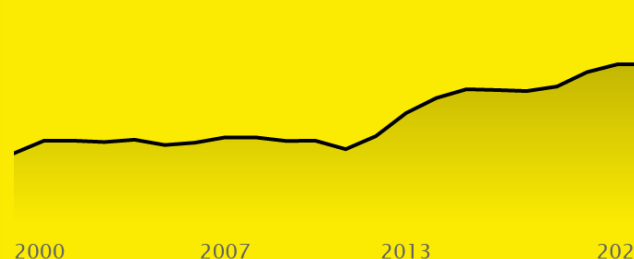
Forcibly displaced people worldwide

While a full picture is yet to be established, UNHCR estimates that global forced displacement has surpassed 84 million at mid-2021.



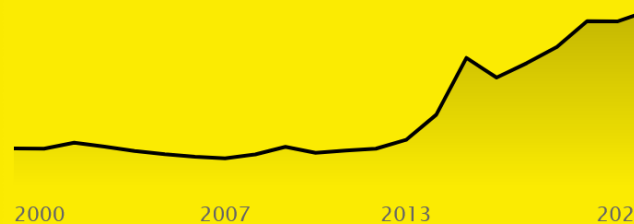
48.0 MILLION

are internally displaced people (Source: IDMC, as of end-2020)



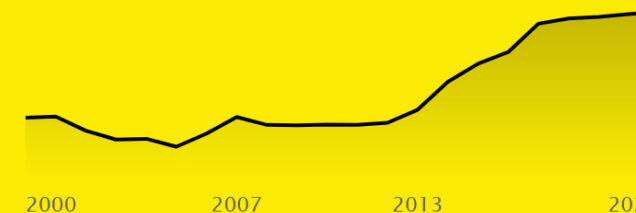
4.4 MILLION

are asylum-seekers (as of mid-2021)



26.6 MILLION

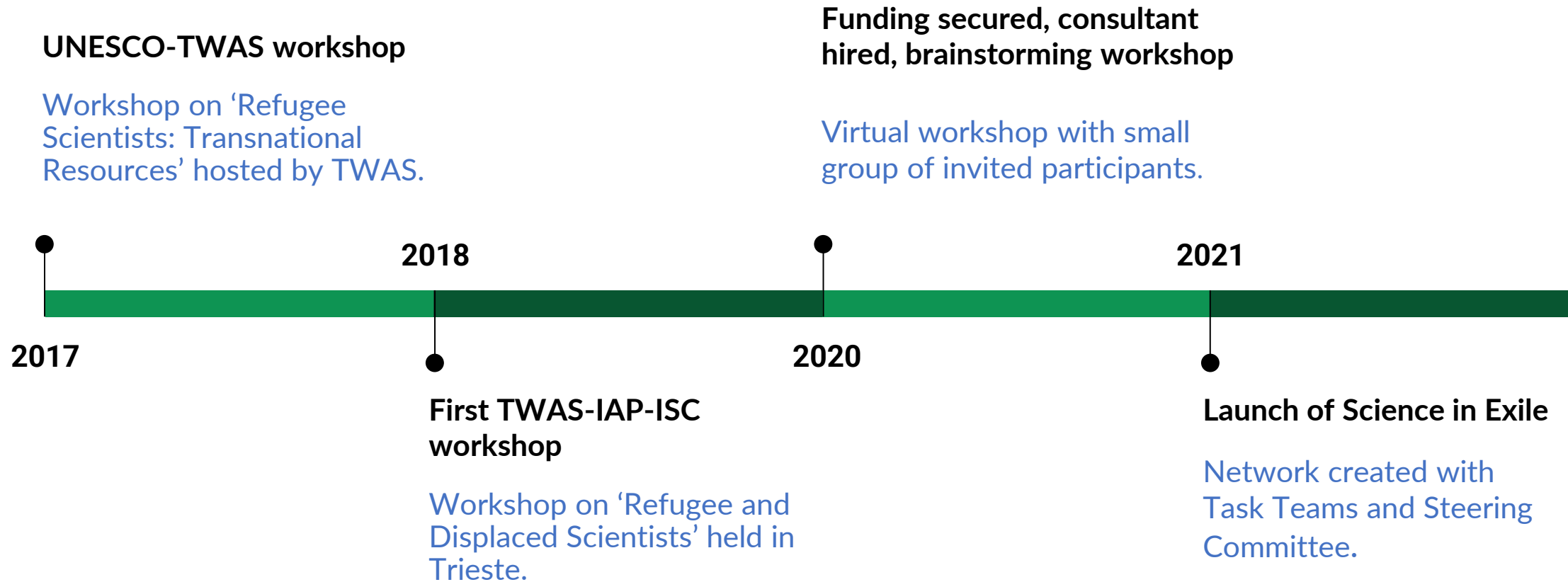
are refugees (as of mid-2021)



3.9 MILLION

are Venezuelans displaced abroad. A total of 5.1 million Venezuelans have left their country as of mid-2021, including 186,800 refugees, 952,300 asylum-seekers and 3.9 million Venezuelans displaced abroad.

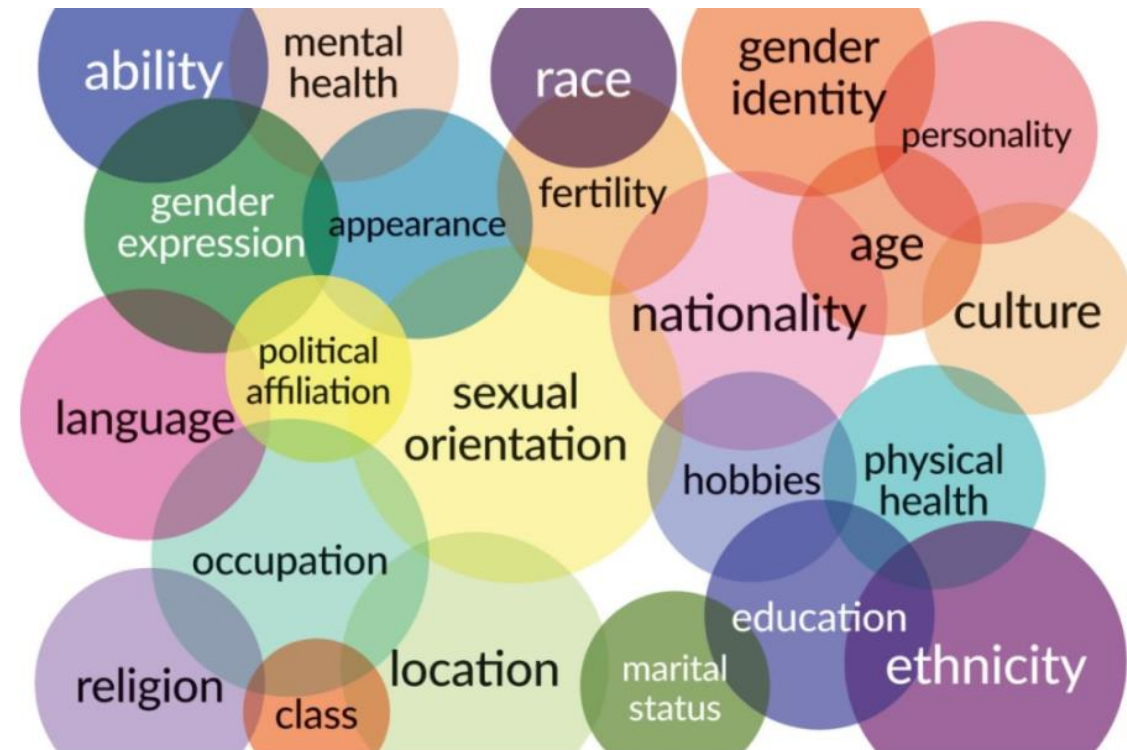
Timeline



Intersectionality of Gender and Displacement

Viewing the circumstances of refugee and displaced scientists through a 'gender lens' gives valuable insights.

Beyond gender, what else compounds the challenges of the displacement experience for scientists?





Priorities:

- Better support system needed among higher education institutes
- Finding physical safety and residence status
- Securing fellowships, teaching, or research positions
- Managing socio-economic changes and gendered expectations
- Rebuilding careers
- Preservation of science

Strategic Framework

Mission

To enhance the work and lives of at-risk, displaced and refugee scientists globally while helping to preserve their science.

Vision

An active international movement which promotes the protection of scientists and their research, leading to better science and contributions to humanity.

Objectives

1. To collect, develop and share information and knowledge to inform policy, practice and stakeholders.
2. To raise global awareness and advocate for improved measures to protect and support at-risk, displaced and refugee scientists.
3. To strengthen the capacity and coordination mechanisms of stakeholders to deliver better programming and a holistic response.
4. To develop mechanisms and guidance around the preservation of scientific knowledge, systems and culture

Activities

Advocacy Campaign

- Four-part Webinar series on stages of displacement
- Six-episodes Podcast series with interviews with displaced scientists
- Declaration to publicly launch in early 2022
- Website with searchable database of opportunities
- Monthly newsletter

Support to displaced and refugee scientists

- PhD and post-doctoral fellowships programme for displaced/refugee scientists in Pakistan

Mapping and research

- Mapping survey of organizations/programmes supporting at-risk, displaced and refugee scientists
- List of resources for at-risk, displaced and refugee scientists
- Chapter published in 2021 UNESCO Science Report

Afghanistan response

- Stakeholders' consultations and brainstorming meetings
- IAP/ISC Statement

Advocacy Campaign

1. Declaration (Feb-March 2022)

2. Webinar Series

This series of four webinars aims to raise awareness of and discuss key issues and challenges faced by at-risk, displaced and refugee scientists, and to support a stronger solidarity towards affected scientists. Each of the four webinars focuses on a different stage of the displacement cycle.

Protracted situation of displacement: Afghanistan, Syria, Yemen

Science in Exile webinar
28 July 2021
1.00 – 2.30 PM (Rome time)



The unfolding emergencies: Ethiopia and Myanmar

Science in Exile webinar
22 June 2021
1.00 – 2.30 PM (Rome time)



3. Podcast series

Eqbal Douqan
Science in Exile

I dream to stop the war in Yemen. Then, with science, we can rebuild our country.



4. From survey to Database



New: TWAS-COMSTECH Fellowships programme:

The Programme aims to provide displaced and refugee scholars and scientists who have not yet found a safe and long-term host country to pursue doctoral and postdoctoral studies in Pakistan, at institutions members of the COMSTECH Consortium of Excellence ([CCoE](#)), starting in 2022.

The fellowships cover the following fields of study:

Agricultural Sciences
Structural, Cell and Molecular Biology
Biological Systems and Organisms
Medical and Health Sciences incl. Neurosciences
Chemical Sciences
Engineering Sciences
Astronomy, Space and Earth Sciences
Mathematical Sciences
Physics
Computing and Information Technology
The Programme will award up to 10 PhD positions and 7 Postdoctoral positions.

The Programme will fund PhD and Post-Doctoral fellowships in Pakistan at institutions members of the COMSTECH Consortium of Excellence ([CCoE](#)), starting in 2022. The deadline for applications is 28 January 2022.

You can find all details at:

•PhD fellowships:<https://twas.org/opportunity/twas-comstech-phd-fellowship-programme-displaced-and-refugee-scientists>

•Postdoctoral fellowships:
<https://twas.org/opportunity/twas-comstech-postdoctoral-fellowship-programme-displaced-and-refugee-scientists>

Science in Exile initiative



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