

# Women of Faith Advancing Climate Justice



**World Federation of Methodist and Uniting Church Women  
August 14, 2021**



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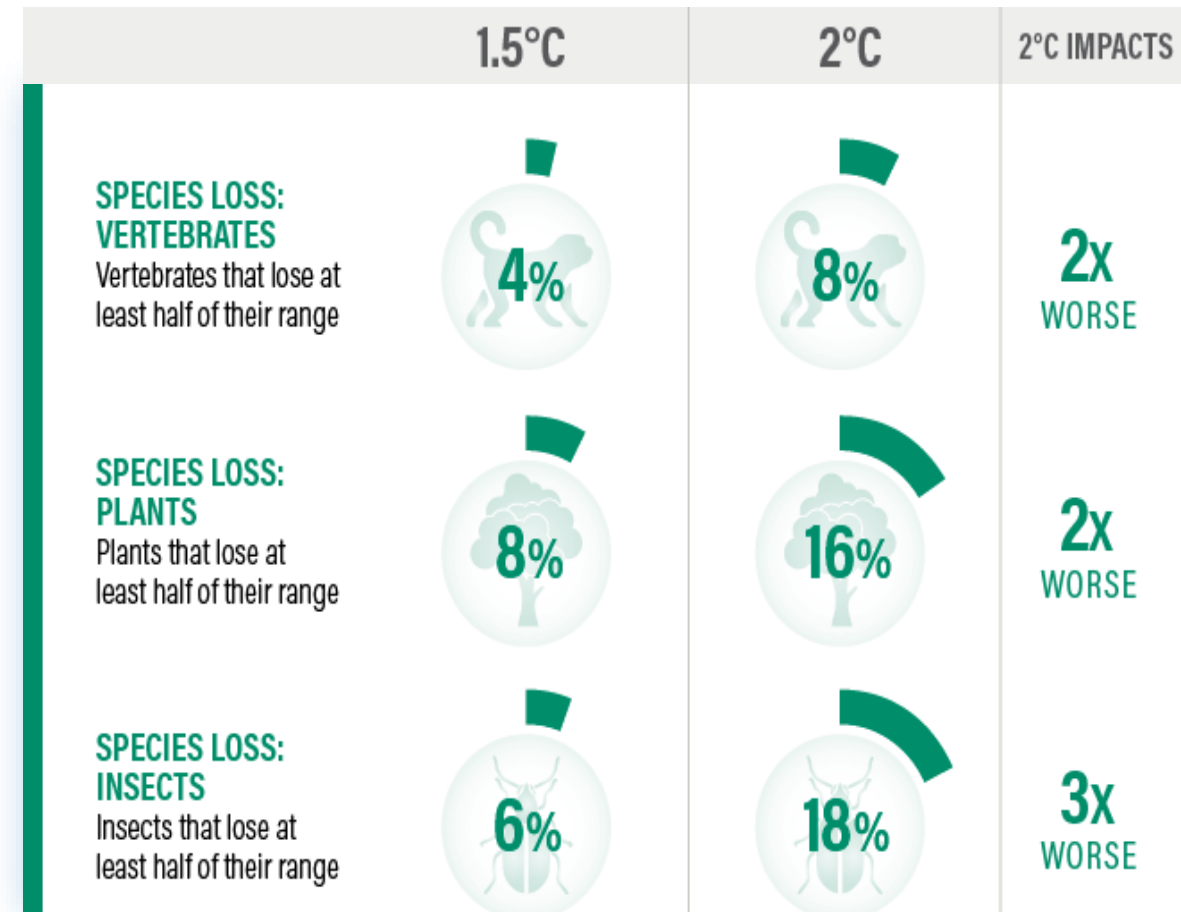
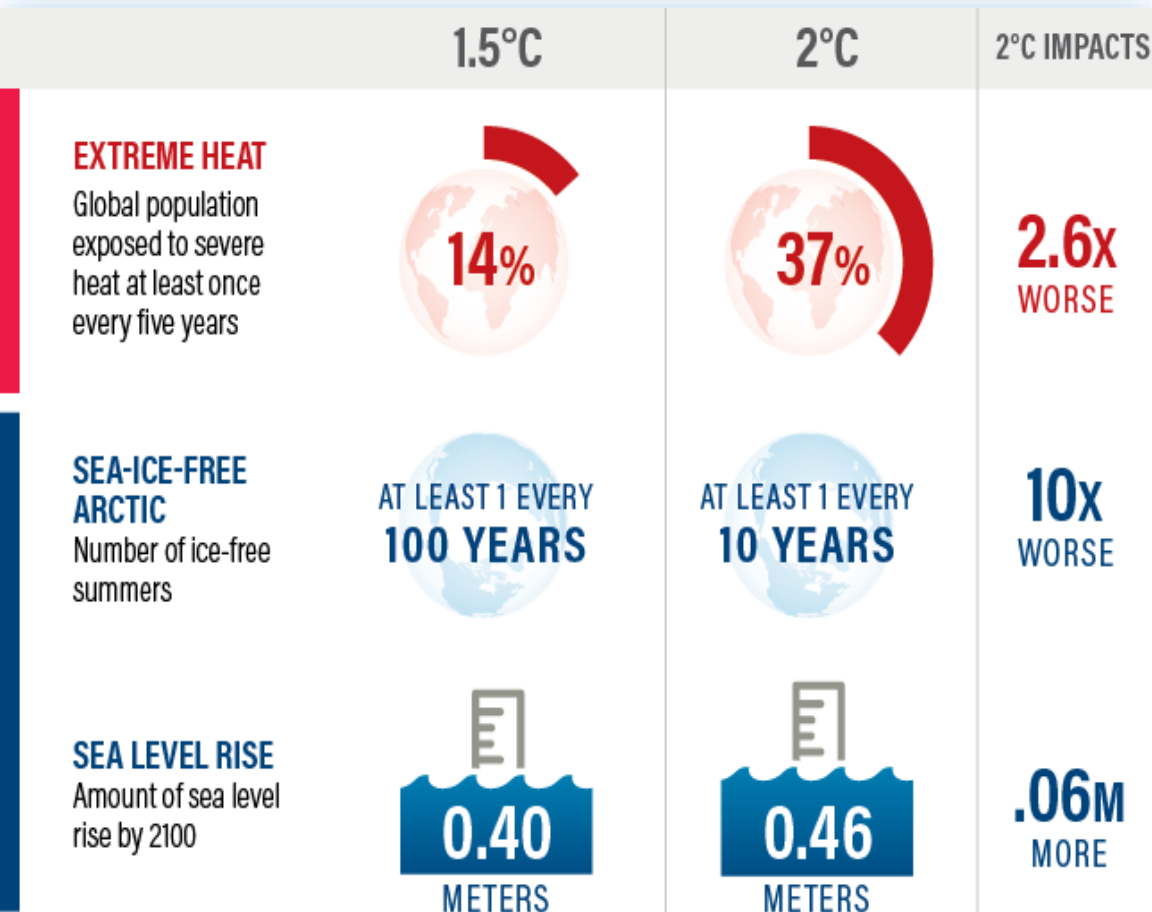


Photo: UN Women/Kennedy Okoth



# What is the difference in climate impacts between 1.5°C and 2°C of warming?

► **Severe climate impacts** with 1.5 degrees of warming, and the effects get significantly worse with 2 degrees.









Source: [WRI Blogpost](#)  
Last updated: July 23, 2021


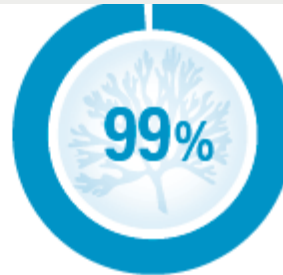
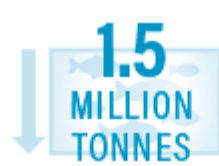
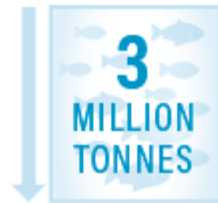
**CLIMATEWATCH**



# What is the difference in climate impacts between 1.5°C and 2°C of warming?

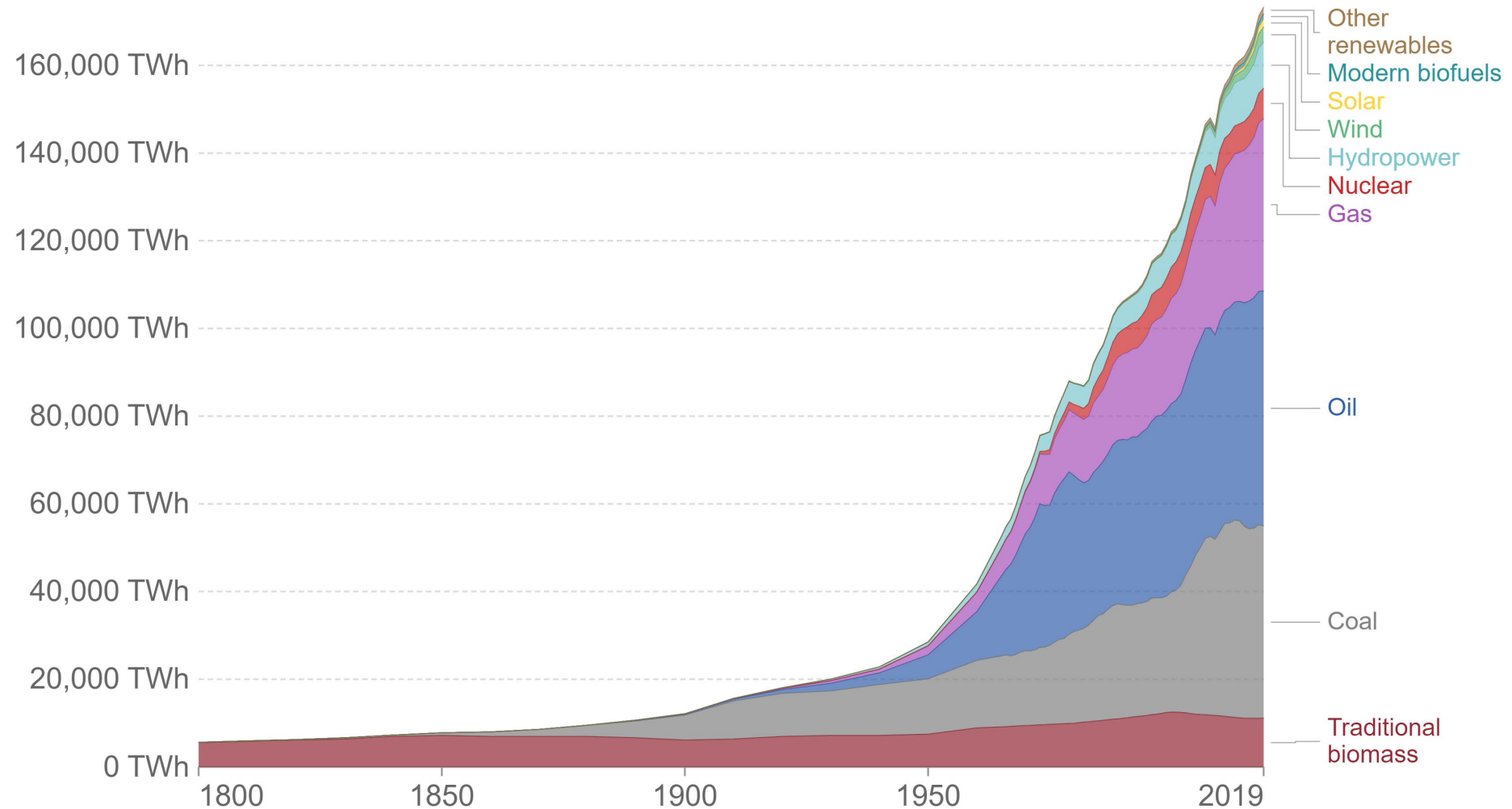
► **Severe climate impacts** with 1.5 degrees of warming, and the effects get significantly worse with 2 degrees.

	1.5°C	2°C	2°C IMPACTS
<b>ECOSYSTEMS</b> Amount of Earth's land area where ecosystems will shift to a new biome	 7%	 13%	<b>1.86x</b> WORSE
<b>PERMAFROST</b> Amount of Arctic permafrost that will thaw	 4.8 MILLION KM <sup>2</sup>	 6.6 MILLION KM <sup>2</sup>	<b>38%</b> WORSE
<b>CROP YIELDS</b> Reduction in maize harvests in tropics	 3%	 7%	<b>2.3x</b> WORSE

	1.5°C	2°C	2°C IMPACTS
<b>CORAL REEFS</b> Further decline in coral reefs	 70-90%	 99%	<b>UP TO 29%</b> WORSE
<b>FISHERIES</b> Decline in marine fisheries	 1.5 MILLION TONNES	 3 MILLION TONNES	<b>2x</b> WORSE

# Global primary energy consumption by source

Primary energy is calculated based on the 'substitution method' which takes account of the inefficiencies in fossil fuel production by converting non-fossil energy into the energy inputs required if they had the same conversion losses as fossil fuels.





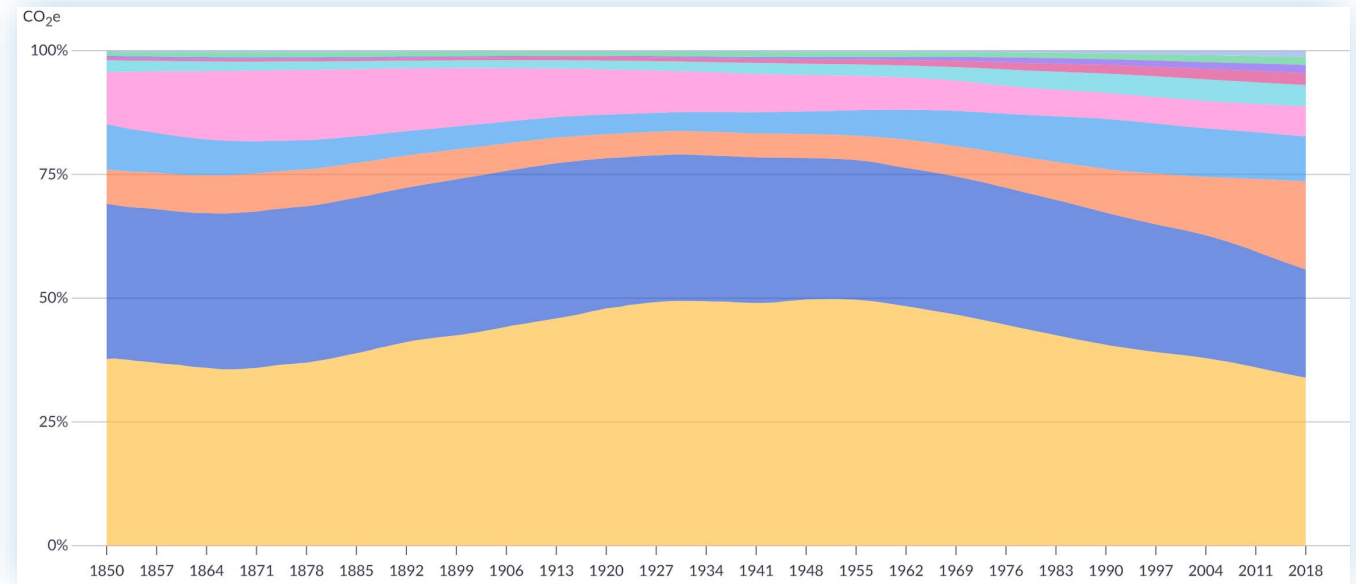
# Who are the top cumulative emitters?

► **The U.S., European Union, and China** are the top emitters in terms of cumulative emissions during 1850 and 2018.

2018

CO<sub>2</sub>e

● United States	597.94Gt
● European Union (27)	385.31Gt
● China	313.75Gt
● Russia	159.85Gt
● India	107.19Gt
● Japan	76.14Gt
● Brazil	42.60Gt
● Iran	29.03Gt
● Indonesia	28.87Gt
● South Korea	21.67Gt



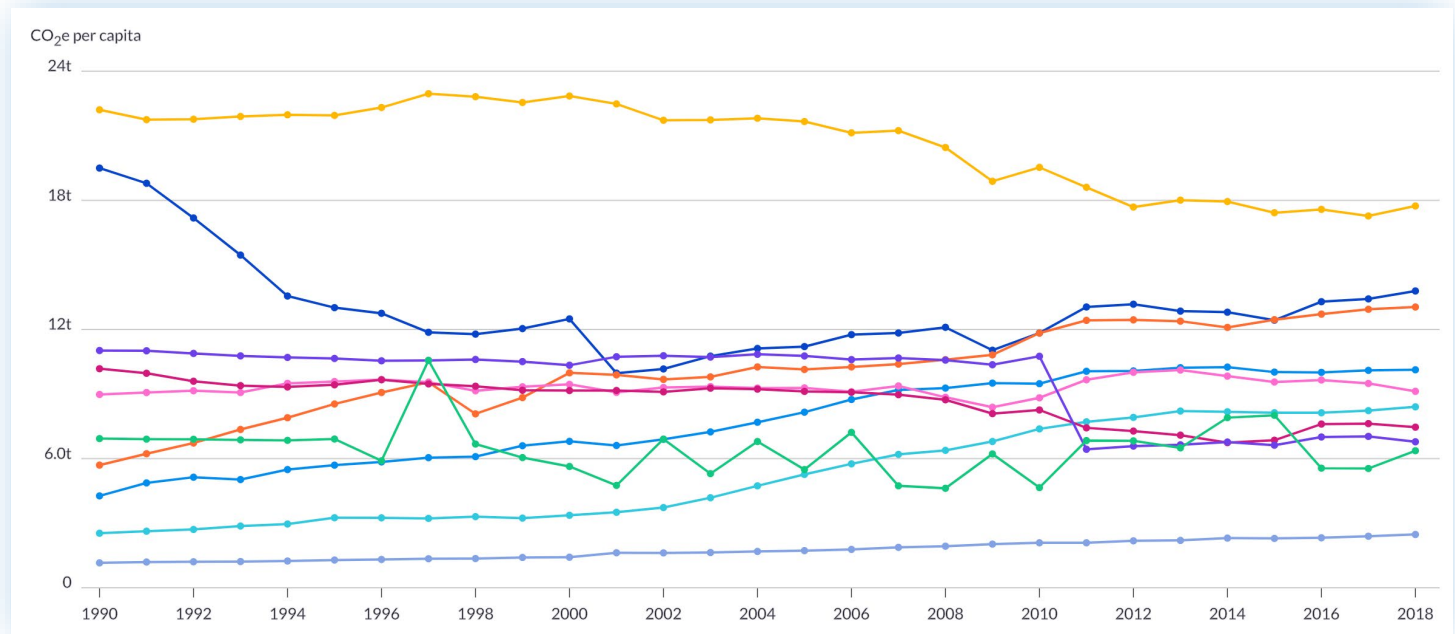
# What is the per capita emissions for the top 10 emitters?

► **The U.S.** has the highest per-capita emissions among top emitters. **India** has the lowest per-capita emissions.

2018

CO<sub>2</sub>e per capita

United States	17.74t
Russia	13.79t
South Korea	13.04t
Iran	10.13t
Japan	9.13t
China	8.40t
European Union (27)	7.46t
Brazil	6.78t
Indonesia	6.37t
India	2.47t





# CLIMATEWATCH

Climate Watch offers open data, visualizations and analysis to help policymakers, researchers and other stakeholders gather insights on countries' climate progress.

*Search across the platform by keyword or by country*



# Climate Change Knowledge Portal

The Climate Change Knowledge Portal (CCKP) provides global data on historical and future climate, vulnerabilities, and impacts. Explore them via **Country** and **Watershed** views. Access synthesized **Country Profiles** to gain deeper insights into climate risks and adaptation actions. [Disclaimer](#)

**NEW!** Please check out the introductory video for the CCKP [here](#)

COUNTRY

WATERSHED

DOWNLOAD DATA

COUNTRY PROFILES

ABOUT

TUTORIAL



# How many countries are updating or enhancing their national climate commitments (NDCs) in the lead up to COP26?

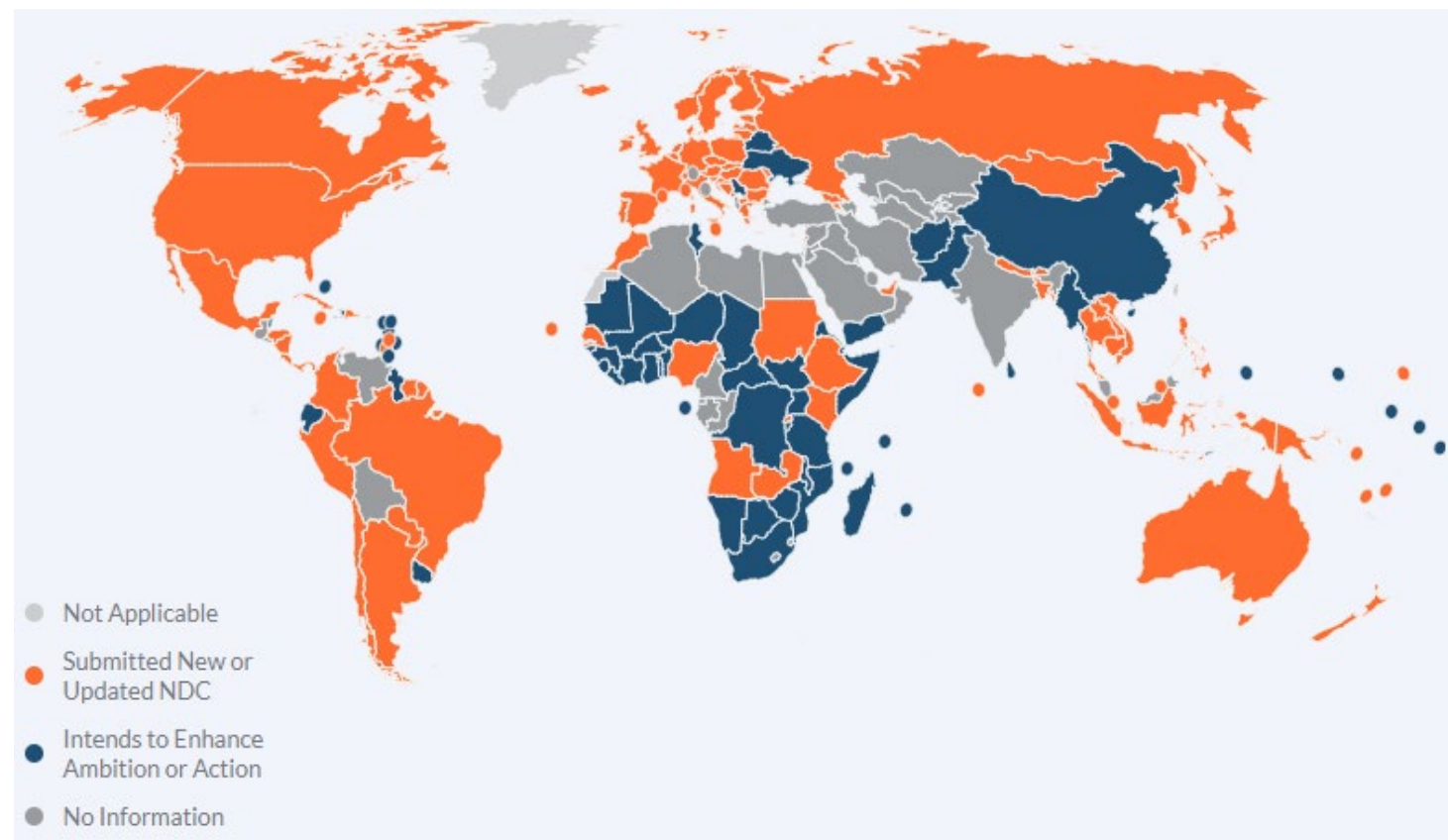
- ▶ **160 countries** have stated their intention to enhance climate ambition or have submitted a new or updated NDC.

65

**countries**, representing 32% of global emissions, have stated their intention to enhance ambition or action in new or updated NDCs

95

**countries** (including the 27 EU countries), representing 47.3% of global emissions, have **submitted a new or updated NDC**



# Advancing Just Energy for All: Exposure Visits





# Advancing Just Energy for All: Education and Training





# Advancing Just Energy for All: Organizing, Rallies, Corporate Engagement & Legislative Advocacy





# UMW Climate Justice Federal Legislative Day

## 100% Renewable Energy, Clean Transportation and Just Transition



As United Methodist Women, we urge Congress to address the pandemic and climate crisis by enacting a recovery package that includes infrastructure and energy legislation that prioritizes climate justice that is centered on racial, economic and gender justice.

- Enact economy-wide targets and strategies for reaching 70 percent renewable energy by 2030 and 100 percent by 2050, based on 2010 levels.
- Enact legislation that modernizes crumbling infrastructure and that supports the decarbonization of transportation.
- Enact legislation that supports a just transition for disproportionately impacted workers and communities.

**April 14, 2021**





# UMW Climate Justice Federal Legislative Day

**Results: April  
14 – April 22**

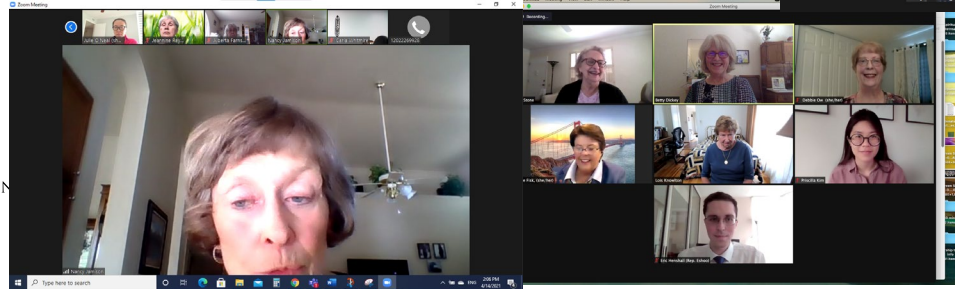
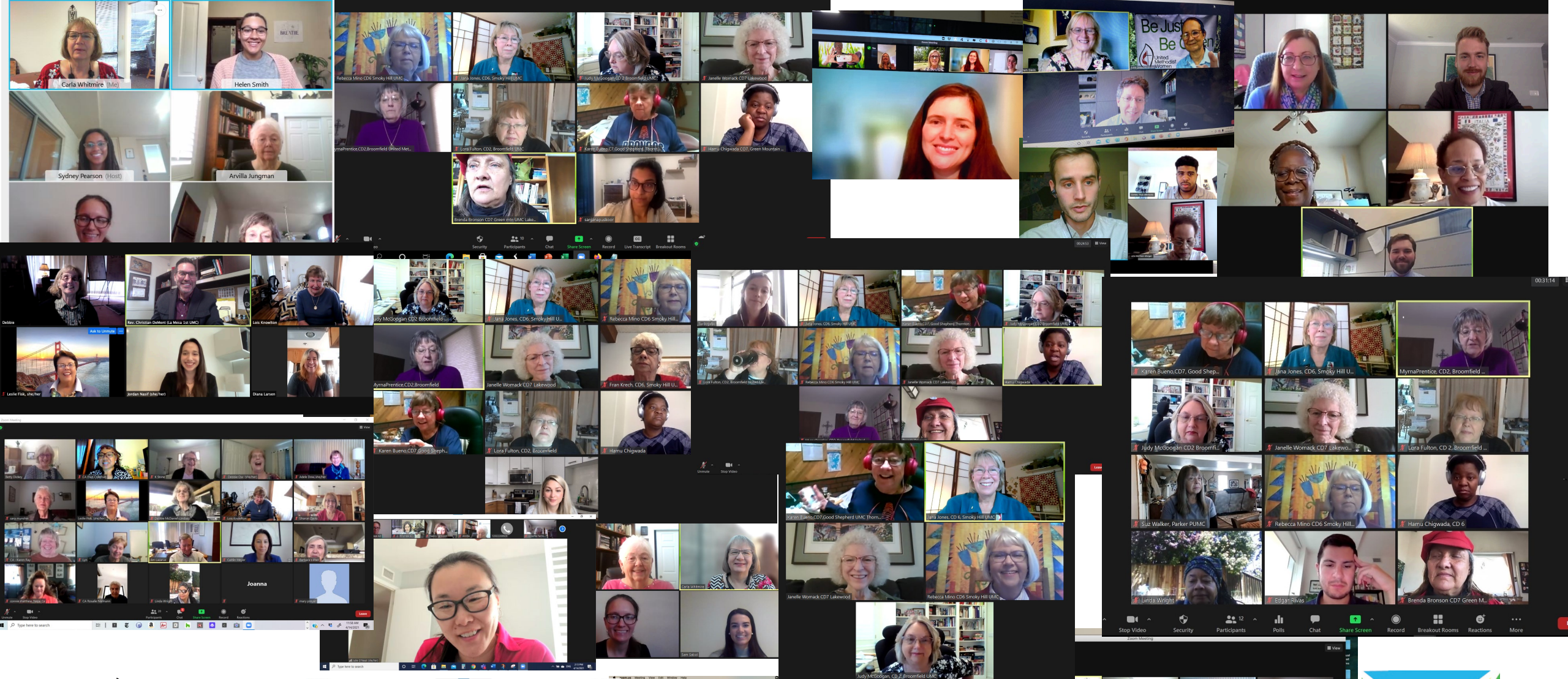
- Partnership with NRPE
- Over 300 people registered
- From 40 States

Key states including WV, CO, NC, MI

- Over 80 Congressional Visits
- 50% -- their first time EVER  
engaged in legislative visit













# Press Release Connected to Biden's Paris Commitment



Maps Members & Leaders

FOR IMMEDIATE RELEASE

## United Methodist Women Members Share Hopes Regarding President Biden's Virtual Climate Summit and Nationally Determined Contributions



Wind farm in Northern California

NEW YORK – Following President Joe Biden's virtual climate summit on April 22 and 23, where he set Nationally Determined Contributions, several members of United Methodist Women expressed their hopes for an equitable transition to renewable energy. Their comments, highlighted below, come just days after the organization held virtual legislative advocacy days where over 300 United Methodist Women leaders and friends from 40 states had over 80 Congressional visits across party lines and urged Congress to take

“The impact of climate change effects ALL of us and we must all urgently act to reduce carbon emissions,” **said Jana Jones from Centennial, Colorado and United Methodist Women national director.** “This is a shared individual, corporate, and government responsibility. We need Congress to enact legislation that moves our country to use 100% renewable energy, move to a clean transportation system and provide a just transition to these goals which will impact workers and frontline, marginalized communities.

“These issues are important for the health of our country and by acting on them Congress shows their concern for their constituents,” **said Elizabeth Bailes of Ravenswood, West Virginia. She is a United Methodist Women social action coordinator for the West Virginia Conference of UMW.**



# Legislative Action – over 5,000 letters and calls to Congress

## Tell Congress to support climate and clean energy investments!



As United Methodist Women leaders, clergy and faith leaders, please join us in signing onto a letter to Congress calling for a bold economic recovery and infrastructure package that addresses the climate crisis, advances climate justice, protects public health and creates family and community sustaining jobs.

The UMC's Book of Resolution notes that the United States must "shift federal resources (both tax incentives and appropriated dollars) away from fossil fuels and toward renewable energy sources such as solar, wind" and "support expansion of the infrastructure needed for cleaner energy vehicles, public transportation and ride-sharing."

Send an email to your members of Congress with one click!

Title \* ▼

First Name \*

Last Name \*

Address \*

Zip \* city and state not required

Phone \*

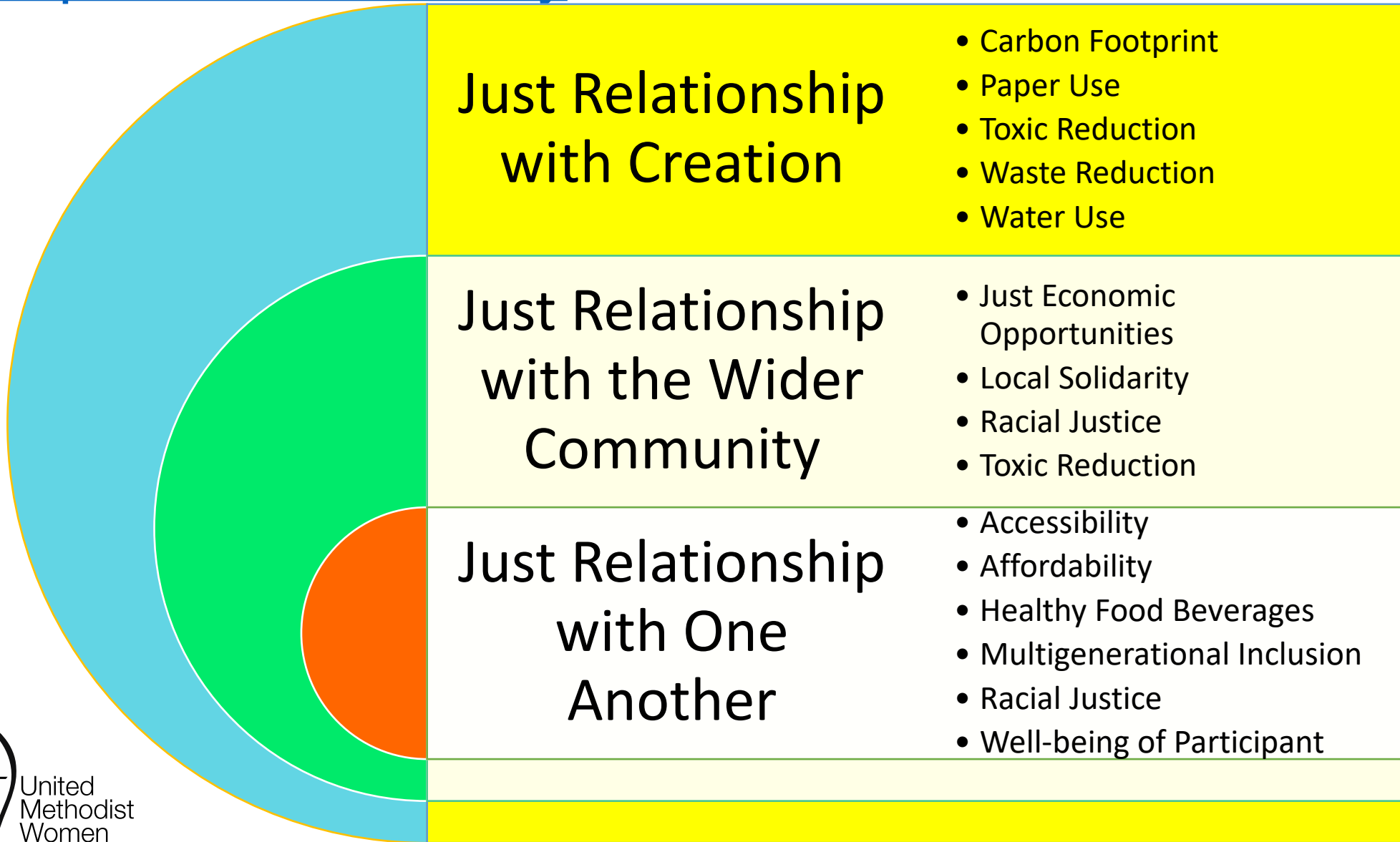
Email \*

Are you a member of UMW?  
 Yes  
 No

UMW Unit, District, or Conference Affiliation



# 13 Steps to Sustainability





UNITED METHODIST WOMEN

# Practical Planning Guide for Sustainable Meetings



General information about what to consider, links to relevant checklists, forms, and tip sheets



UNITED METHODIST WOMEN

Intentionally  
Plans  
Events

*that* **REDUCE OUR  
CARBON FOOTPRINT**

**Offer carpooling, choose venues with public transportation, turn down the air-conditioning and heat and look for venues that use renewable energy.**



Photo by Kathleen Stone



**Extraction and production of nonrenewable energy disproportionately affects the lives of those already suffering from economic injustices.**

# UNITED METHODIST WOMEN

Intentionally  
Plans  
Events

*that* **MINIMIZE PAPER USE**

**Limit handouts, use double-sided printouts and choose chlorine-process-free and recycled-content paper. Minimize use of napkins and other paper products.**



Photo by United Methodist Women

The production and use of paper has adverse effects on the environment. Deforestation contributes to climate change. Pulp mills contribute to pollution of air, water and land. Discarded paper accounts for about 35 percent of municipal solid waste (before recycling). Paper recycling can be a source of pollution due to the sludge produced during de-inking.





# UNITED METHODIST WOMEN

Intentionally  
Plans  
Events

that **REDUCE TOXINS**

Avoid using petroleum-based products whenever possible, and avoid toxic cleaning products and lawncare products. Reduce your energy use.



Source: Kathleen Stone



Each year, more than 6 billion pounds of cleaning products and 450 billion pounds of paper products are used to clean our indoor environments.

# UNITED METHODIST WOMEN

Intentionally  
Plans  
Events

*that* **REDUCE WATER USE**

**Be aware when you're purchasing goods and services that all extraction, manufacturing and agriculture takes water. Ask if venues have low-flow showers and toilets. Ask facilities not to automatically fill water glasses and inquire about their towel-reuse policies.**

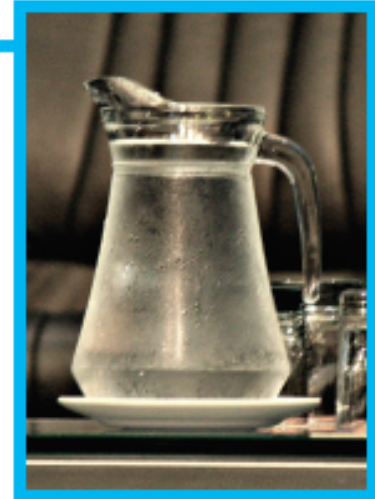


Photo by United Methodist Women

**The water it takes to produce the average American diet alone—approximately 1,000 gallons per person per day—is more than the global average water footprint of 900 gallons per person per day for diet, household use, transportation, energy and the consumption of material goods. One piece of paper takes 3 gallons of water to manufacture.**



# UNITED METHODIST WOMEN

Intentionally  
Plans  
Events

*that* **REDUCE WASTE**

**Compost. Donate excess food.  
Use reusable centerpieces.  
Reduce the amount of packaging,  
paper and other disposable  
products you use. Choose reusable  
plates, cups and utensils instead.**



Photo by United Methodist Women



**More than 9 million people in the United States live near a waste facility that is hazardous to the community's health. More than half of them (5.1 million) are people of color.**



# ACT for Climate Justice



**For US residents: Tell Congress to prioritize climate justice!**

## **Call your members of Congress and sign UMW's letter:**

Prioritize climate justice in the budget reconciliation. Make sure that no unjust energy solutions like natural gas, nuclear or biomass are included.



<https://p2a.co/FpD9Ujd>



# Monthly Strategy and Capacity Building Sessions

*Every 3<sup>rd</sup> Wednesday at 3 pm ET*

***Date: September 15, 2021***

***Register to join live or receive links to  
recording and resources***

Source: Goodmapd at English Wikipedia, Public domain, via Wikimedia Commons



*Watch recordings of  
previous sessions  
on our website*





**Global Women's  
Climate Summit**  
**Register here**

# GLOBAL WOMEN'S ASSEMBLY FOR CLIMATE JUSTICE

*Solutions from the Frontlines and the Protection  
and Defense of Human Rights and Nature*

A free, gender-diverse, public  
forum ahead of COP26

SEPTEMBER 25 - 30, 2021

**REGISTER TODAY!**



UMW is a Summit Partner. Other  
organization are invited to join.



# Faiths 4 Climate October 17 and 18



Join people of faith in collective action  
October 17 and 18

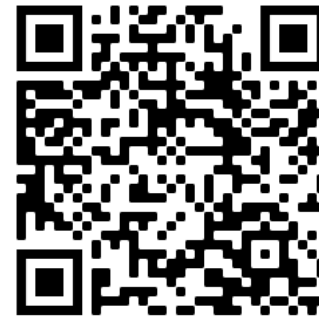
[Register here](https://www.faiths4climatejustice.org)

UMW is a cosponsor of the action.  
Other organizations are invited to join.



**Stay  
Connected!**

[Sign Up](#) for Climate Justice  
Updates from UMW!





# UNITED METHODIST WOMEN

## CLIMATE JUSTICE SIMULATION EXPERIENCE

A role playing exercise designed to help us understand some concerns of an environmentally-degraded community.

# UMW Resources

**INDIGENOUS LAND ZONE FORUM**

**THE CONTEXT Indigenous Land Zone**

**Indigenous Land Zone**

**MOUNTAINTOP REMOVAL ZONE FORUM**

**THE CONTEXT Mountaintop Removal Zone**

**Mountaintop Removal Zone**

**INDUSTRIAL ZONE IN A MAJOR CITY FORUM**

**THE CONTEXT Industrial Zone in a Major City**

**Industrial Zone in a Major City**



# UMW Resources

UNITED METHODIST WOMEN

## Practical Planning Guide for Sustainable Meetings



General information about what to consider, links to relevant checklists, forms, and tip sheets

### The 13 Principles to be just, be green

- Accessibility
- Affordability
- Carbon Footprint
- Healthy Food and Beverages
- Just Economic Opportunities
- Local Solidarity
- Multigenerational Inclusion
- Paper Use
- Racial Justice
- Toxin Reduction
- Waste Reduction
- Water Use
- Well-being of Participants





# UMW Resources



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## Download the 13 Steps signs

UNITED METHODIST WOMEN

Intentionally  
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Offer carpooling, choose venues with public transportation, turn down the air-conditioning and heat and look for venues that use renewable energy.



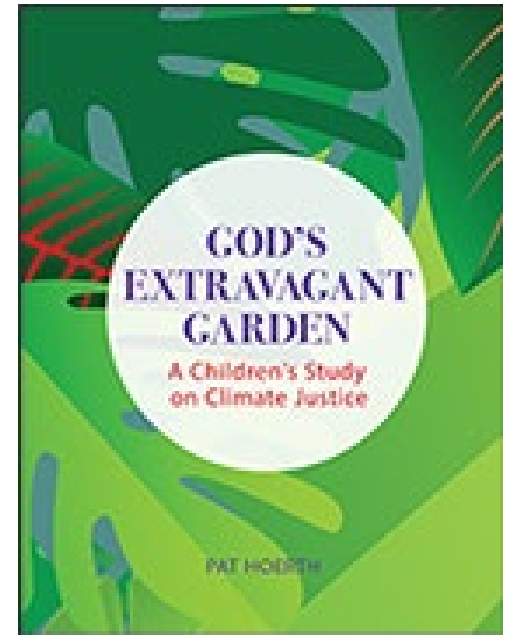
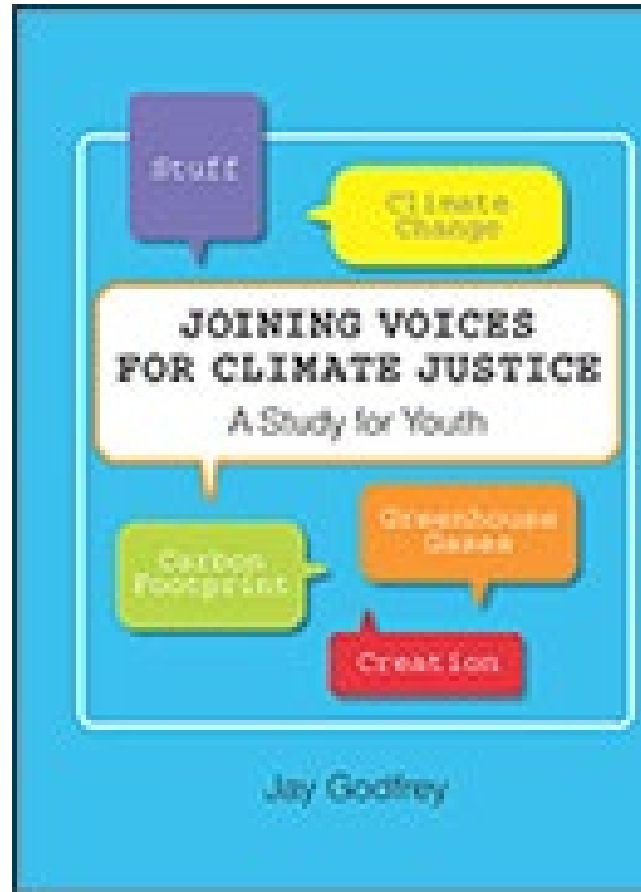
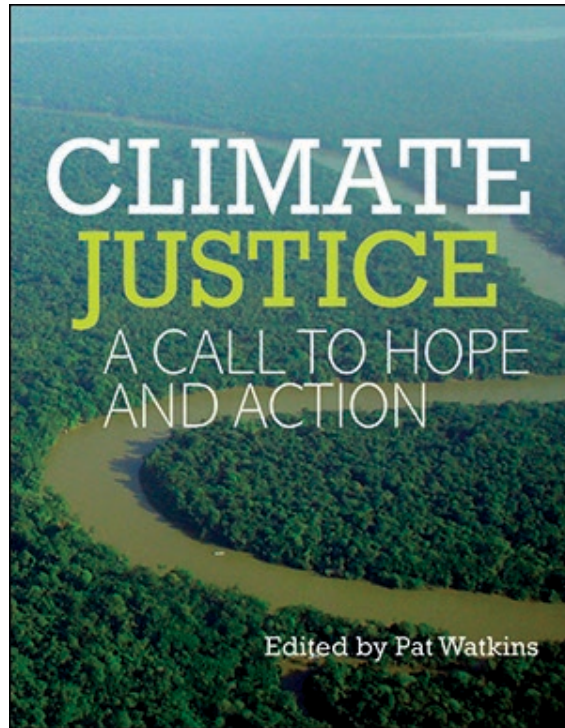
Extraction and production of nonrenewable energy disproportionately affects the lives of those already suffering from economic injustices.

[!\[\]\(c3d993ca47bfe2a953c700506ce31fa0\_img.jpg\) Download the 13 signs; share and post in your community](#)

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# UMW Resources



# UMW Resources



## The Next Generation Rises

*“Don't let anyone look down on you because you are young, but set an example for the believers in speech, in conduct, in love, in faith and in purity.”*

1 Tim. 4:12

The Lord created every living being on this world to flourish—to be fruitful and multiply. For millennia, humanity has benefitted from the beauty of this world, the produce from our fields, and the abundance of our seas. As we face the reality of our world today, we must consider what kind of world we want to leave to those who come after us: What are we passing on to children who are just now being born and growing up? Children, with their energy, their creative spirit, and their love for all of God's world, are showing us the way toward a future of hope.

[www.creationjustice.org/place](http://www.creationjustice.org/place)

## Sense of Place

*“Surely the LORD is in this place...”*

(Genesis 28:16)

God's creation comes with God's life-giving presence, but in all places and seasons depend on resources, we as humans depend on a community of humans and non-humans life. This inter-dependence is not only about survival, but about our self-identity. We create meaning and self-identity based on our surroundings.

*“If you don't know where you are, you probably don't know who you are.”*

[www.creationjustice.org/place](http://www.creationjustice.org/place)

- [Earth Day Sunday Liturgy, Bible study and sermon starter](#)
- Produced by Creation Justice Ministries and funded by United Methodist Women GBCS and other denominations



# UMW Resources:

[www.unitedmethodistwomen.org/climatejustice](http://www.unitedmethodistwomen.org/climatejustice)



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## Climate Justice: Just Energy for All

### United Methodist *Book of Discipline*

All creation is the Lord's, and we are responsible for the ways in which we use and abuse it. Water, air, soil, minerals, energy resources, plants, animal life, and space are to be valued and conserved because they are God's creation and not solely because they are useful to human beings. God has granted us stewardship of creation. We should meet these stewardship duties through acts of loving care and respect. (**Social Principles, ¶ 160**)

**United Methodist Women calls for sound stewardship of the earth and environmentally friendly lifestyles that preserve creation for the benefit of present and future generations.**

### ▶ Just Energy for All campaign

▶ **COVID-19: Tell Congress to Stop Utility Shut-offs & Provide Economic Relief Directly to the People**



Greenhouse gases include carbon dioxide, methane and other gases that



**Thank you for  
loving and acting  
for creation!**

**Elizabeth Chun Hye (Liz) LEE**

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[unitedmethodistwomen.org/climate-justice](https://unitedmethodistwomen.org/climate-justice)

