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**PARK
WEST**



A CALL TO ACTION:

HOW ASLA SOCIAL

CAN LEAD THE REGION TO A SUSTAINABLE FUTURE



AHBE



GARY J. LAI

PRINCIPAL

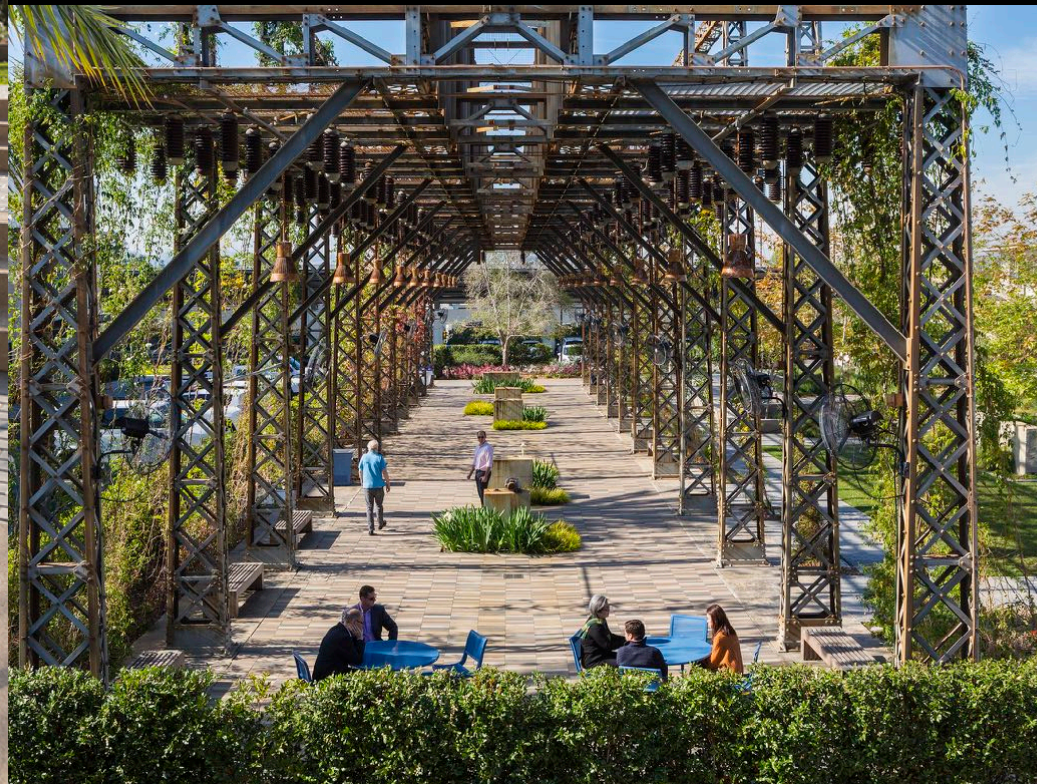
DIRECTOR OF REGENERATIVE
DESIGN









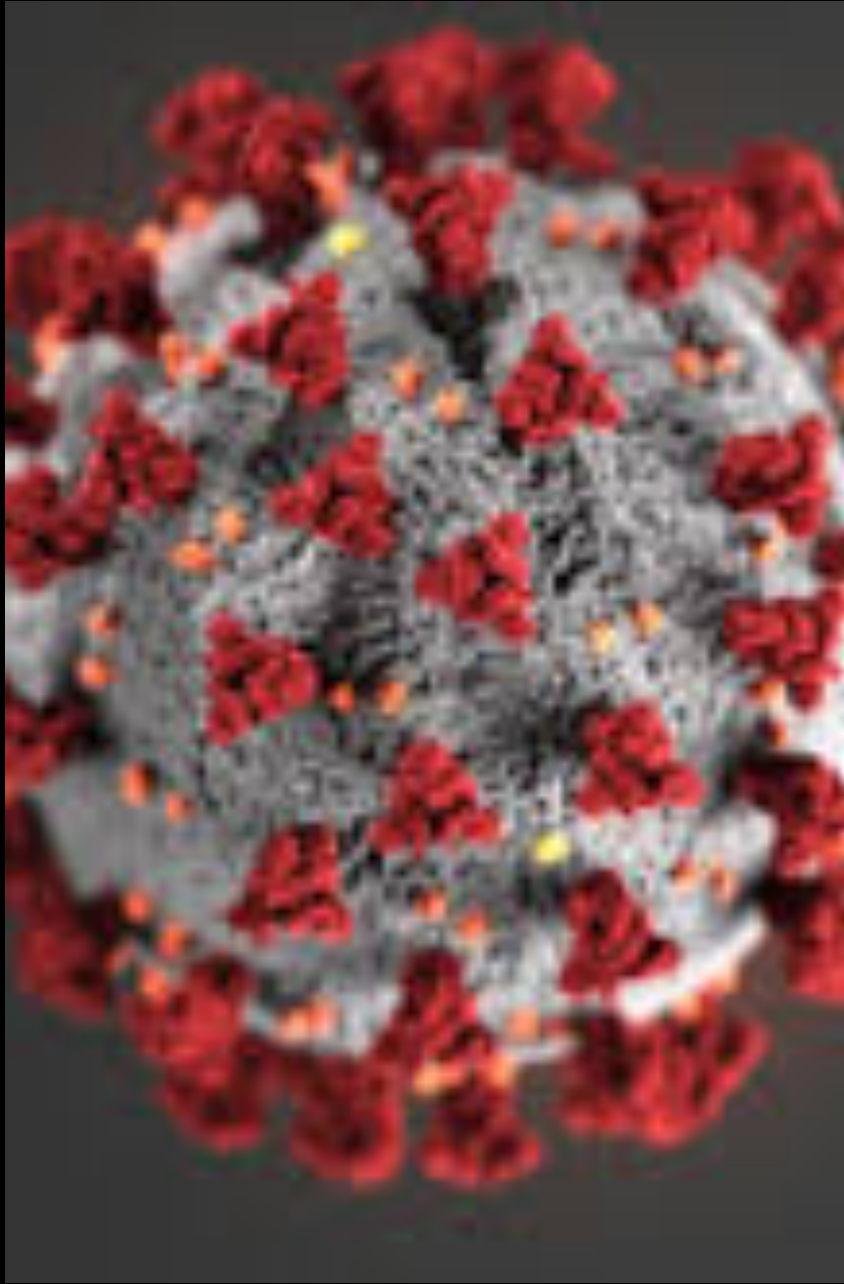




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**THE ELEPHANT IN
THE ROOM**



WE ARE ALL HORRIFIED BY THE EVENTS THAT UNFOLDED OVER THE LAST SEVERAL DAYS. I AM PERSONALLY ROILING WITH EMOTIONS, WATCHING IN REAL-TIME THE INJUSTICES AND INEQUITABLE TREATMENT OF PEOPLE AND COMMUNITIES WHO ARE IN ANGUISH BECAUSE OF CENTURIES OF RACIAL DISCRIMINATION. AS LANDSCAPE ARCHITECTS, WE WORK TO ENSURE THAT ALL PERSONS HAVE THE RIGHT TO EQUITABLE ACCESS TO ENVIRONMENTAL AND COMMUNITY BENEFITS IN THE PLACES THEY LIVE, WORK, AND LEARN. NOW IS THE TIME FOR US TO WORK TO HELP ENSURE THAT THESE COMMUNITIES HAVE FAIR AND EQUITABLE TREATMENT IN ALL ASPECTS OF LIFE.

Wendy Miller, FASLA, ASLA President

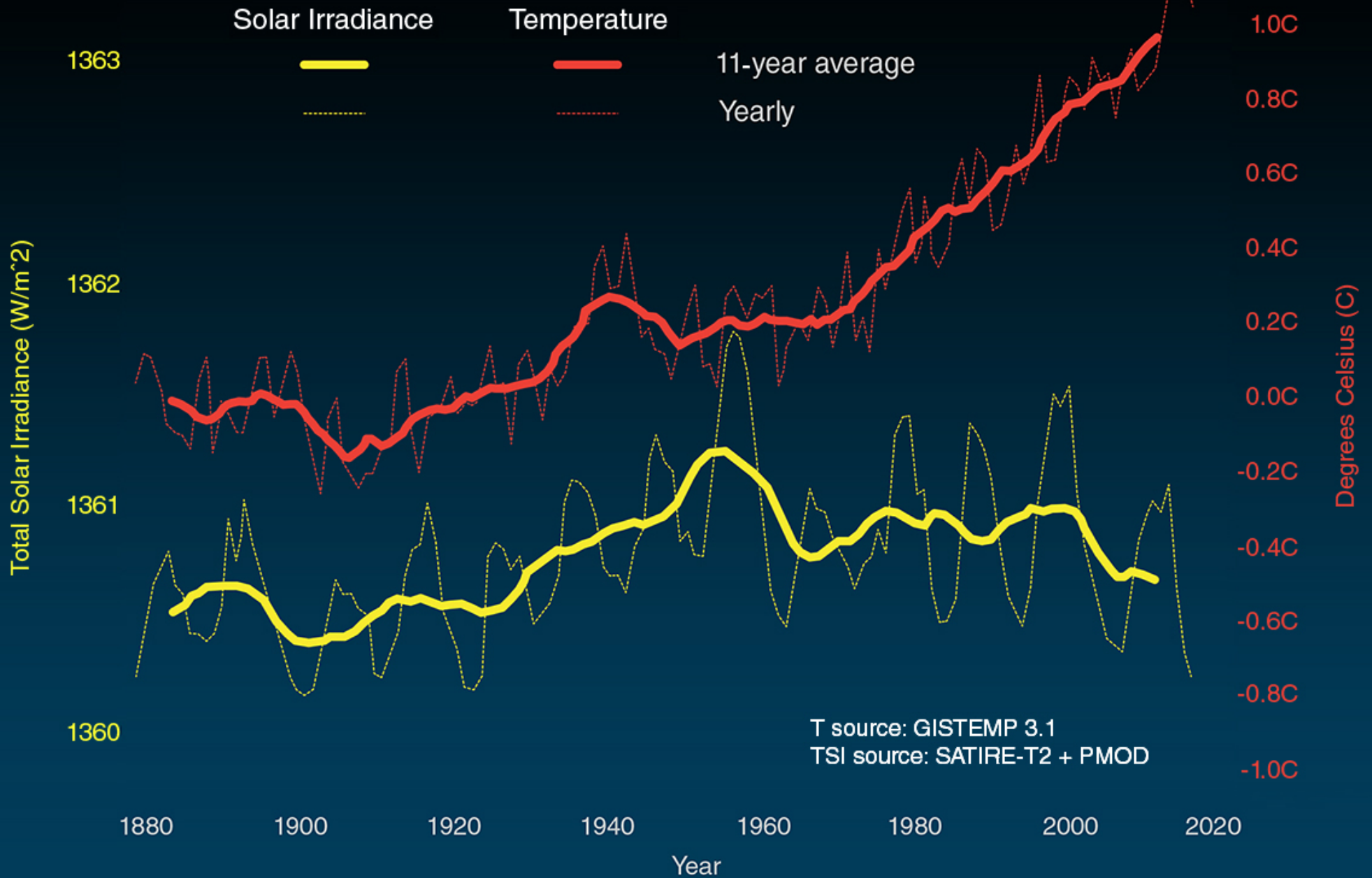




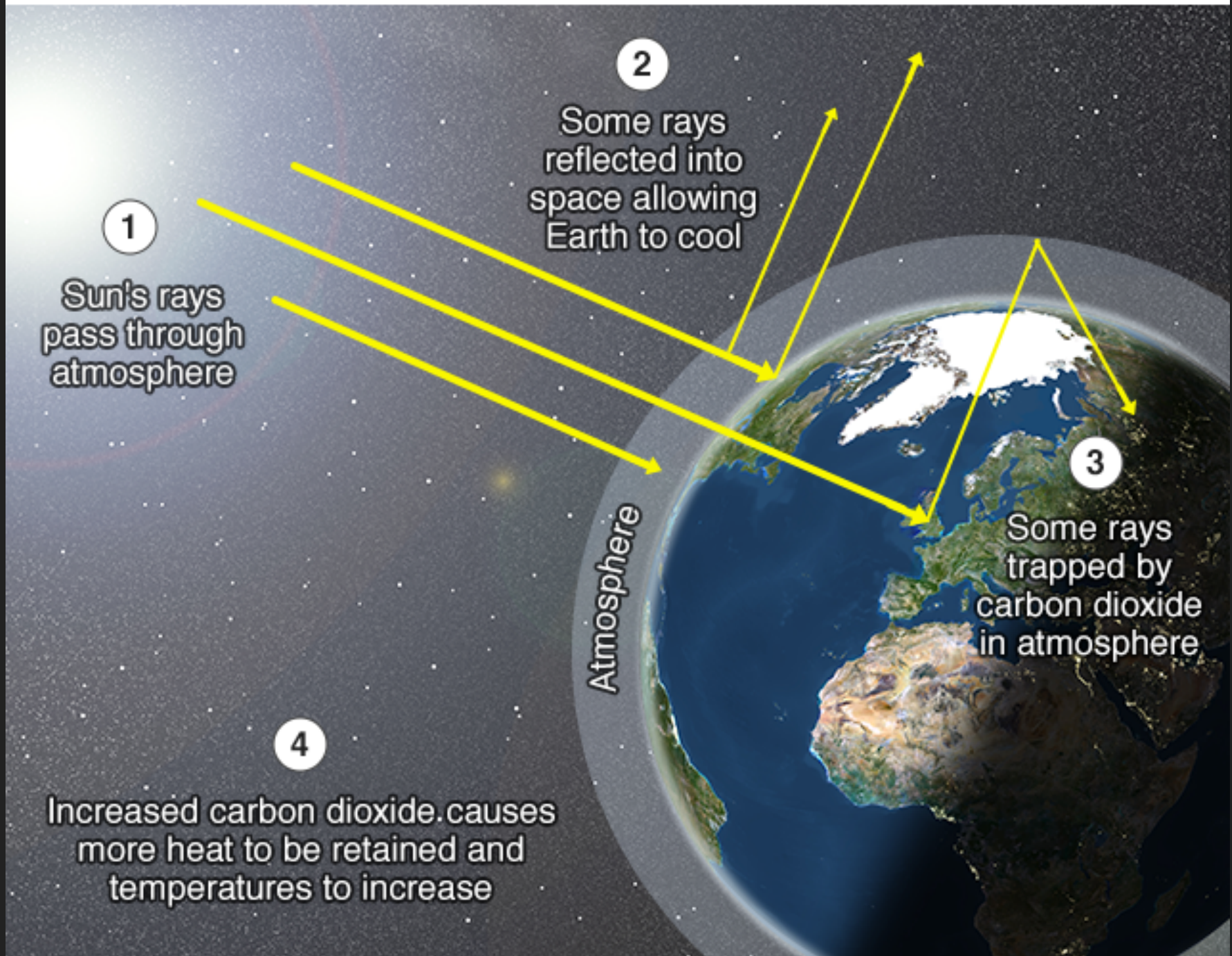
**SHORT TERM DISASTER,
LONG TERM
CATASTROPHE**



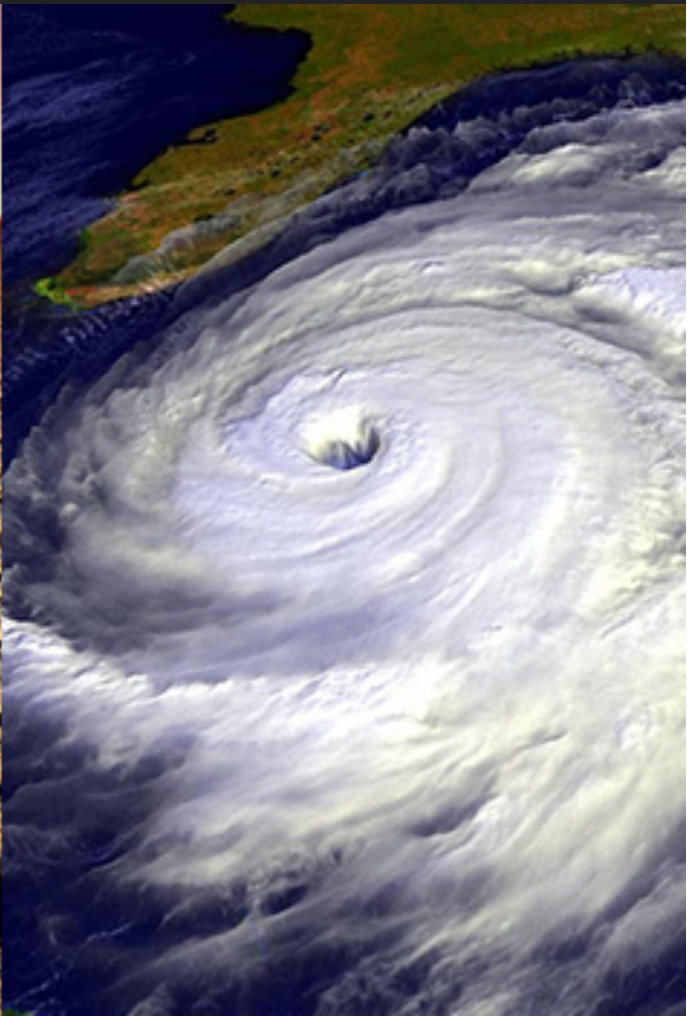
Temperature vs Solar Activity



The greenhouse effect





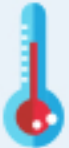


SOCIAL AND ECONOMIC IMPACT OF CLIMATE CHANGE



The cost of adapting coastal areas to rising sea levels

Relocation of whole towns



Loss of the capacity to work due to heat

Shrinking productivity of harvests



Prices of basic foodstuffs and consumer goods will rise



More wars to gain access to limited resources

Extreme meteorological phenomena will cause widespread poverty



Fresh water will be in short supply in some areas

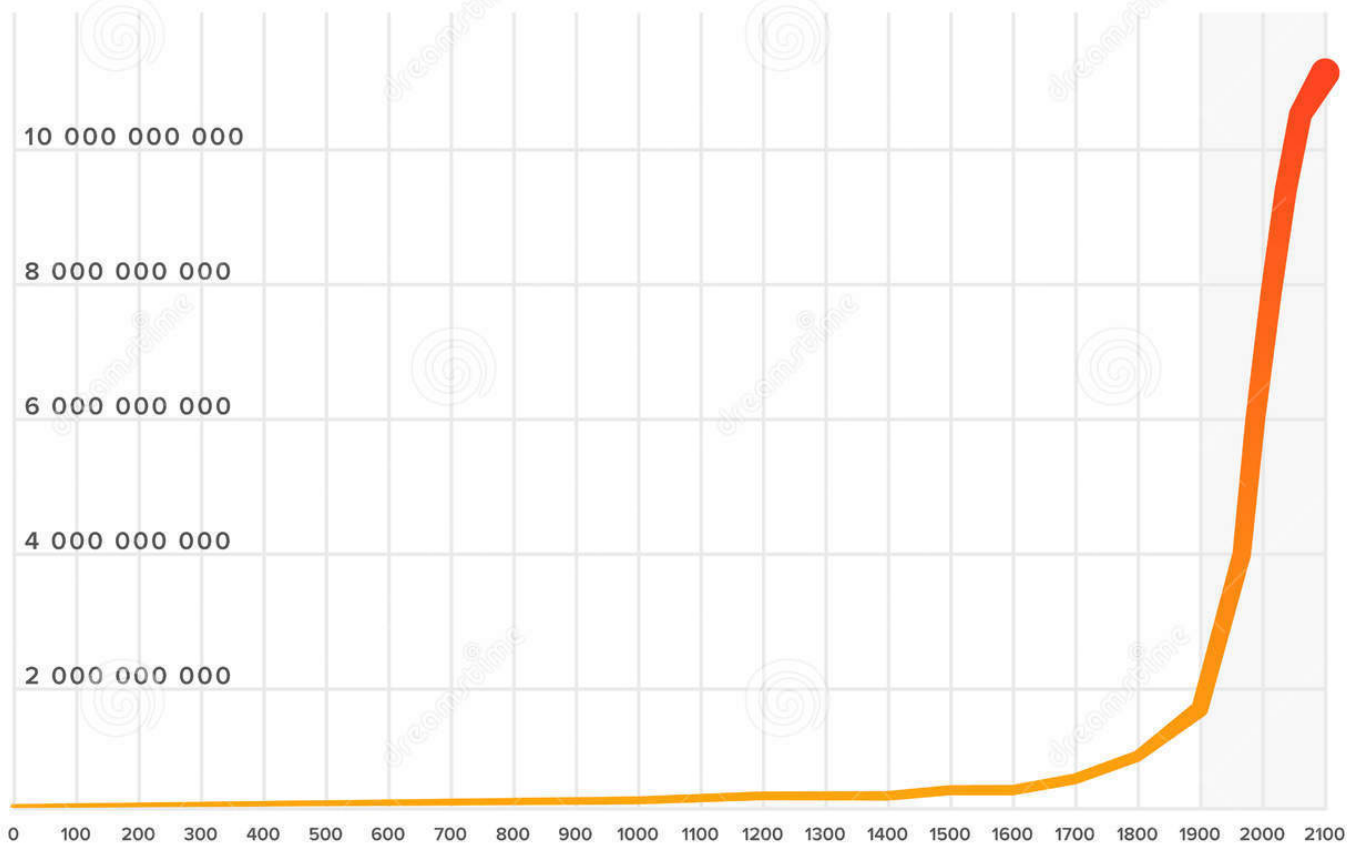
Diseases will spread due to higher temperatures





WORLD POPULATION

Past, Present and Future



Download from
Dreamstime.com

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Pavlo Plakhotia | Dreamstime.com



**SO WHAT CAN WE,
LANDSCAPE ARCHITECTS,
DO ABOUT IT?**

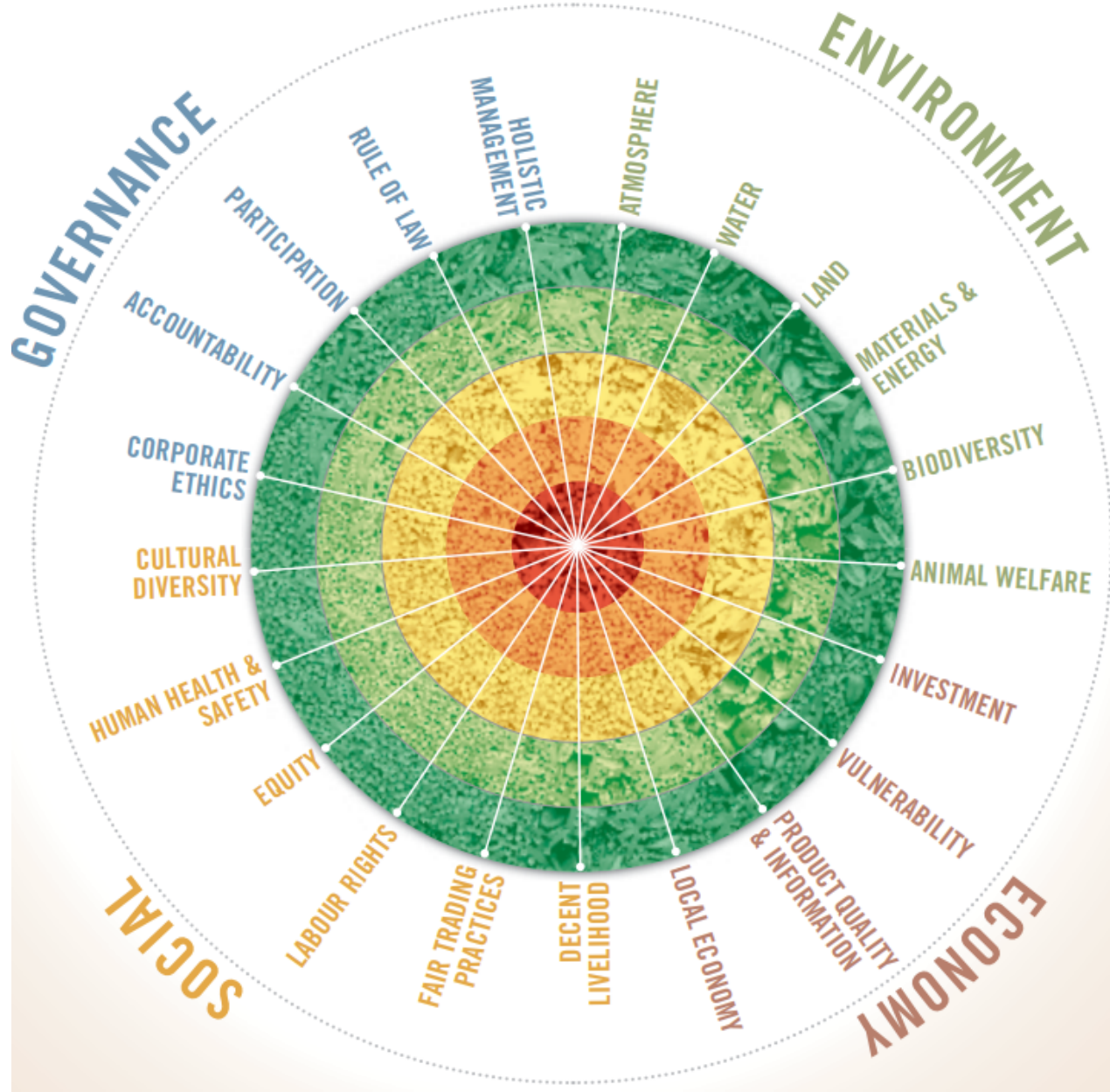


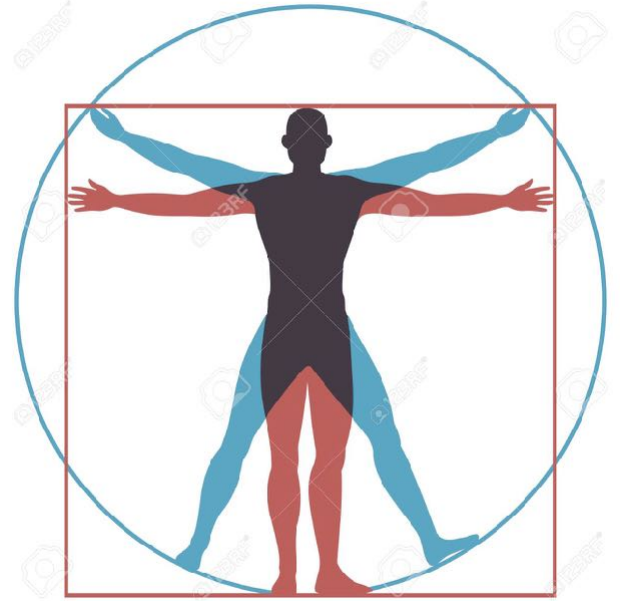
American Society of
Landscape Architects



ASLA
CALIFORNIA
SOUTHERN









+







1 WETLAND



2 LAKESIDE



3 MEADOW



4 UPLAND



5 PLAZA



6 PLAY



7 WEDDING



180.0
WAR

100 SF GALLERY

E 126TH ST.

WADSWORTH AVE.

EL SEGUNDO BLVD.

AHBE

LANDSCAPE ARCHITECTS
617 WEST SEVENTH STREET
SUITE 304
LOS ANGELES, CA 90017
T: 213.694.3500 F: 213.694.9801



COUNTY OF LOS ANGELES COMMUNITY DEVELOPMENT COMMISSION
700 West Main Street
Alhambra, CA 91801

EARVIN MAGIC JOHNSON PARK PHASE 1A

905 East El Segundo Blvd.
Los Angeles, CA 90059

Issue dates

#	Date	Description
02/24/17	02/24/17	SITE SCHEMATIC DESIGN
03/31/17	03/31/17	100% SCHEMATIC DESIGN
07/14/17	07/14/17	SITE DESIGN DEVELOPMENT

Sheet title:

SITE PLAN

Designed by:
Drawn by:
Checked by: EM
Project number: 116030.00

G1.02



EARVIN MAGIC JOHNSON PARK

Urban Runoff Water Recycling

A unique new system is being developed that sustainably creates a new water source for Earvin Magic Johnson Park by capturing urban runoff (dry and wet weather first-flush flows), treating the captured flows to improve water quality, and *recycling the water* for onsite irrigation use. The treated recycled water will be stored within the park's lakes and will enhance the appearance and water quality of the lake system. This system will collect, retain and reuse all of the first-flush flows of the 375-acre watershed amounting to approximately 12 acre feet (3.9 million gallons) of flows from a significant wet weather event.

RUNOFF RECYCLING PROCESS

- 1 Divert wet and dry weather runoff from local stormdrain line
- 2 Treatment facility removes pollutants in runoff water
- 3 Sediments in water are removed and wetlands further filter water
- 4 Water in lakes circulated continuously through treatment facility
- 5 Treated water stored in lake and used for park irrigation



Net-Zero water and water conservation

Stormwater

Urban food production

Natural resources

Eco-Districts

Mitigation and
Restoration

Urban habitats

Living Buildings

biodiversity

Open Space

Healthy Environments

Green infrastructure

Climate change adaptation



WHAT CAN I DO?



OurCounty

GREEN NEW DEAL

PLAN

ENVIRONMENT

ECONOMY

EQUITY



THE SUSTAINABLE SITES INITIATIVE™



Envision Rating System



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**IPCC SPECIAL REPORT:
GLOBAL WARMING OF 1.5
DEGREES C**

IPCC

INTERGOVERNMENTAL
PANEL ON
CLIMATE CHANGE

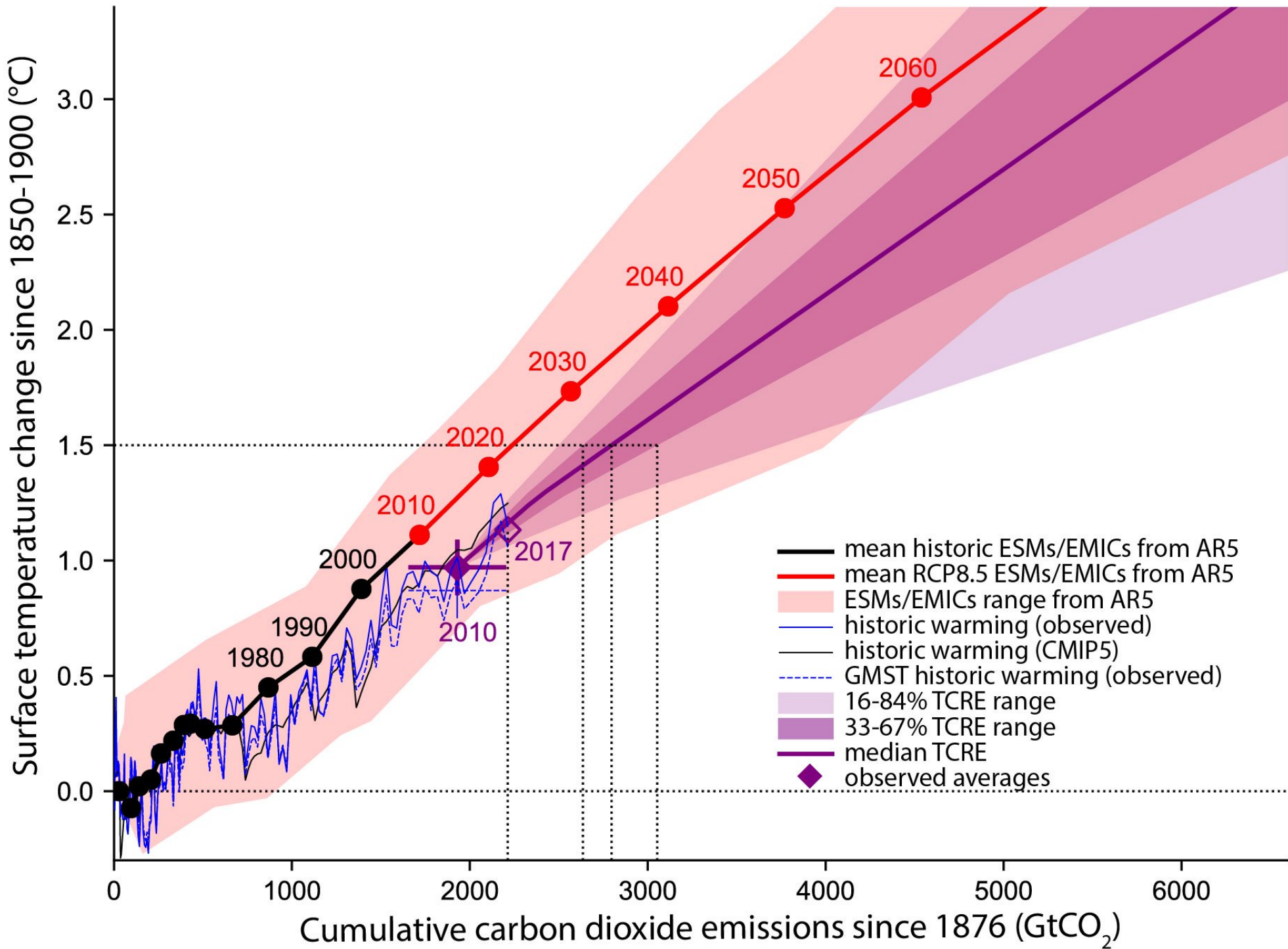


ipcc

INTERGOVERNMENTAL PANEL ON climate change

GLOBAL WARMING OF 1.5 °C

an IPCC special report on the impacts of global warming of 1.5 °C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty

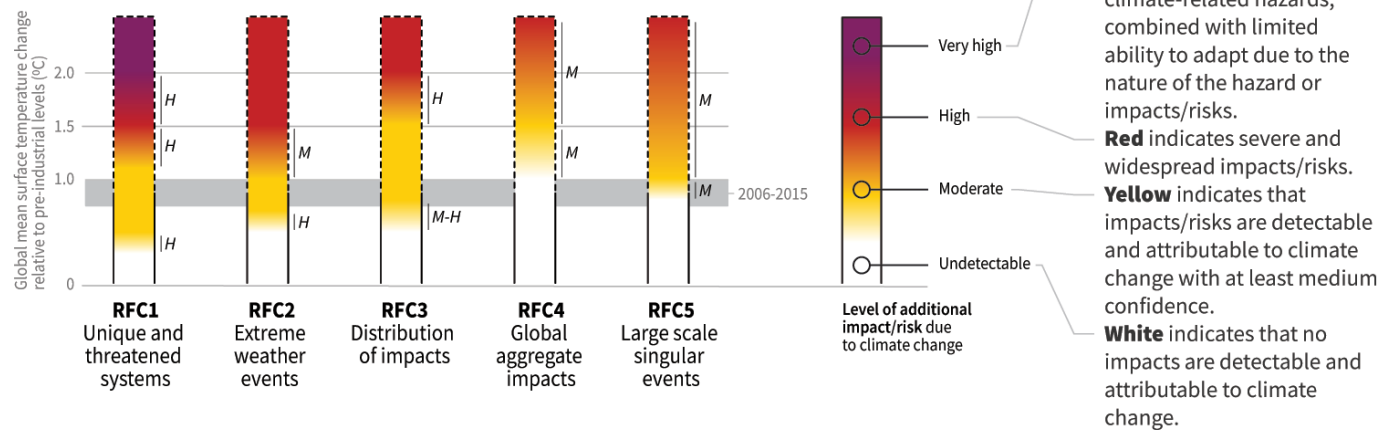


- mean historic ESMs/EMICs from AR5
- mean RCP8.5 ESMs/EMICs from AR5
- ESMs/EMICs range from AR5
- historic warming (observed)
- historic warming (CMIP5)
- - - GMST historic warming (observed)
- 16-84% TCRE range
- 33-67% TCRE range
- median TCRE
- ◆ observed averages

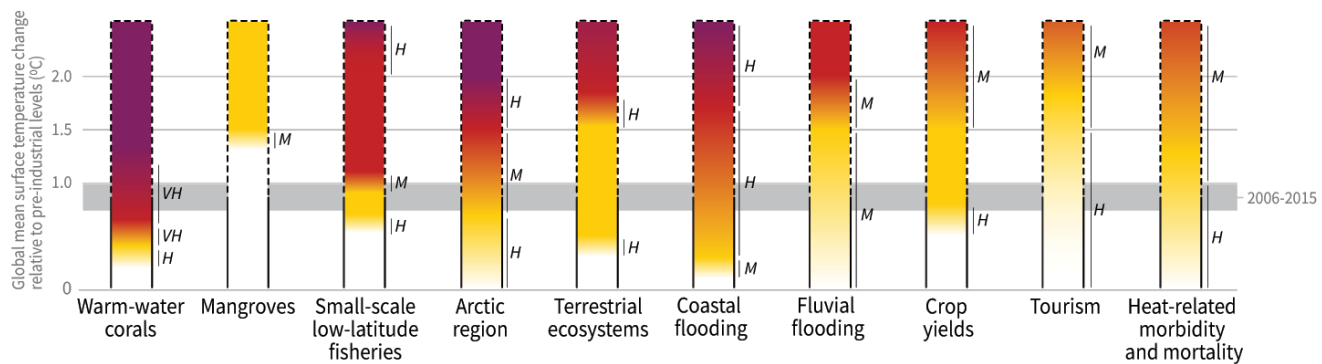
How the level of global warming affects impacts and/or risks associated with the Reasons for Concern (RFCs) and selected natural, managed and human systems

Five Reasons For Concern (RFCs) illustrate the impacts and risks of different levels of global warming for people, economies and ecosystems across sectors and regions.

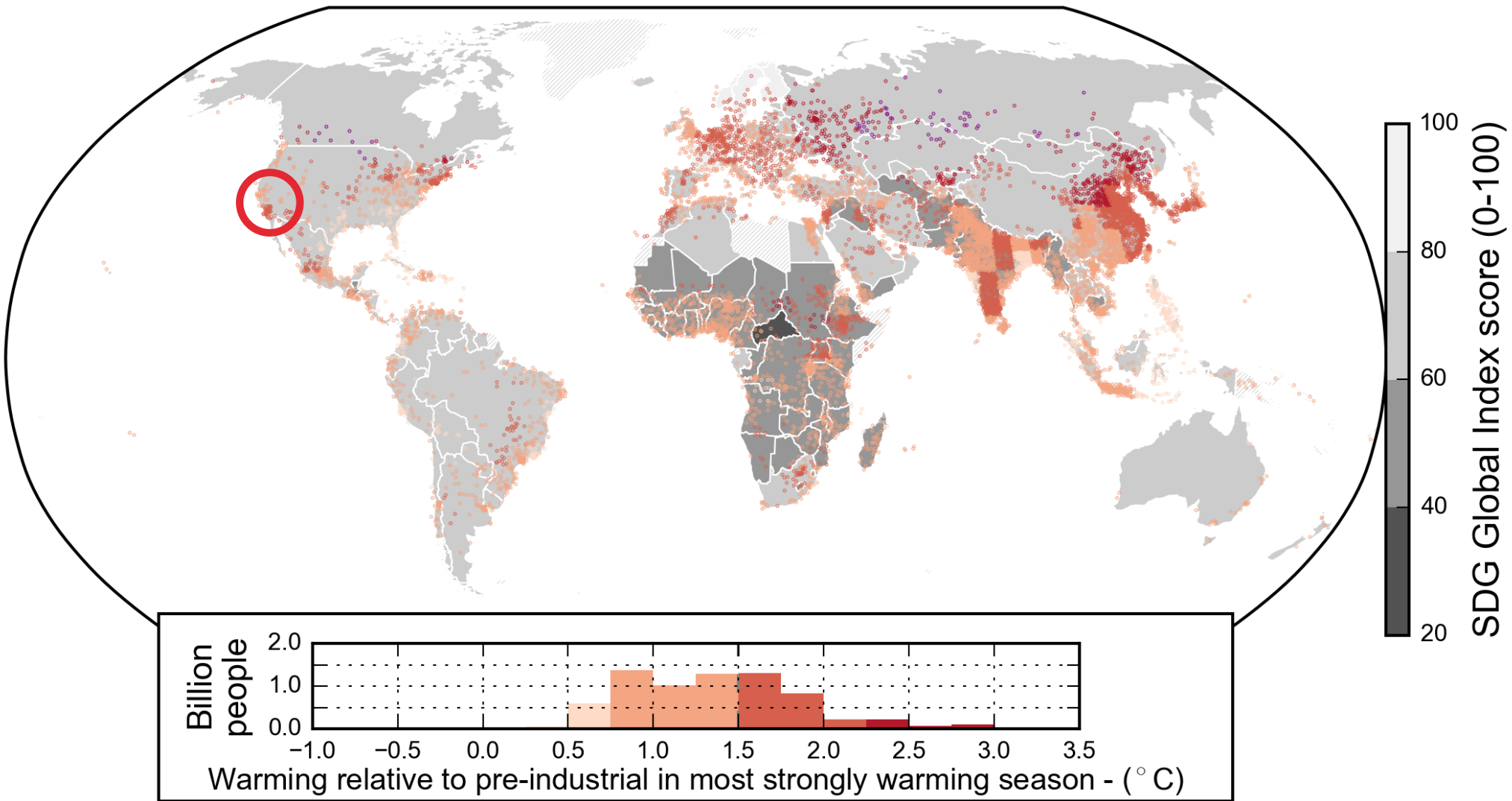
Impacts and risks associated with the Reasons for Concern (RFCs)



Impacts and risks for selected natural, managed and human systems



Confidence level for transition: L=Low, M=Medium, H=High and VH=Very high






An aerial photograph of a city, likely Los Angeles, viewed from a hillside. In the foreground, a dirt path winds through green vegetation. The middle ground shows a dense urban area with a prominent skyline of skyscrapers in the distance. The sky is bright blue with scattered white clouds.

ipcc.ch

Support the
resolution!

An aerial night view of a city with lights and a lightning bolt striking the ground. The text is overlaid on the image.

**How do you think Landscape Architects
can best contribute to keeping the earth
below 1.5 degrees C?**