

# California wildfires

Wildfires in California have declined in numbers over the years, but their damage and size have grown.



## Deadliest fires

1. **GRIFFITH PARK** (1933)  
19 hectares | 29 killed
2. **TUNNEL** (1991)  
647 hectares | 25 killed
3. **NORTHERN CA** (Oct 2017)  
65,000 hectares | 23 killed\*

## Costliest fires

1. **SOBERANES** (2016)  
Estimated cost: \$260m
2. **BISCUIT** (2002)  
Estimated cost: \$150m
3. **RIM** (2013)  
Estimated cost: \$127m

\*As of Oct 12, 2017



Sources: Fire.ca.gov, hcn.org | Photo: Mike McMillan/USDA

This Photo by Unknown Author is licensed under CC BY-NC-ND



WE REBUILD AGAINST CLIMATE AND NOT WITH THE CHANGES IN THE FUTURE

- Ricostruiamo contro il clima e non con i cambiamenti nel futuro

This Photo by Unknown Author is licensed under [CC BY-NC-ND](#)



This Photo by Unknown Author is licensed under [CC BY-SA](#)



**DOBBIAMO  
TRASFORMARE IL  
NOSTRO APPROCCIO  
MASLOW PENSANDO AL  
FUTURO NON AI  
BISOGNI DI BASE DEL  
PRESENTE**

**WE HAVE TO TURN OUR  
MASLOW APPROACH BY  
THINKING OF THE FUTURE  
NOT THE BASIC NEEDS OF  
THE PRESENT**



- Se stai scalando verso il potere degli dei- cambiamento climatico- allora dovete avere la saggezza di.. del Dio o si si auto-distruzione

IF YOU'RE SCALING TOWARDS THE POWER OF  
THE GODS—CLIMATE CHANGE—THEN YOU  
HAVE TO HAVE THE WISDOM OF THE GOD OR  
YOU WILL SELF-DESTRUCT

1

# ECO-REGIONAL DATA SYSTEMS



This Photo by Unknown Author is licensed under CC BY-SA

**UKHIMATH DISASTER**  
**'Acting on scientific studies could have reduced losses'**

**MEASURES** suggested by two studies after the 1998 disaster not implemented

**Deep Joshi**  
 @deepjoshi@indianexpress.com



**DESTRUCTION:** Many precious lives along with property worth several crores were lost to the massive cloudburst that hit Ukhimath area in Badrinagar recently. Was the loss of such a proportion proportionate? It was, claim scientists who conducted two studies in the quake-prone area after it was hit by a massive cloudburst 14 years ago.

"I think several precious lives as well as property worth crores of rupees wiped out in the Ukhimath cloudburst on the night of September 13 could've been saved", said Uttarakhand Space Application Centre (USAC) director Dr M M Kamath who co-authored the two studies.

According to him, the loss could have been prevented had the planners cared to implement the measures suggested by the two scientific studies.

**SCIENTIST SPEAK**  
 "I think several precious lives as well as property... The loss could have been prevented had the..."

**PAURI GARHWAL:** Recent information by the satellite eye has revealed a startling fact about the Ukhimath cloudburst on September 13. The satellite eye detected that the road connecting Mansoona village above Ukhimath also played a catalyst in enhancing the devastation caused by the cloudburst.

**THE SATELLITE EYE DETECTED THAT THE ROAD CONNECTING MANSOONA VILLAGE ALSO PLAYED A CATALYST IN ENHANCING THE DEVASTATION**

In 1998, cloudbursts in Madmaheshwar valley near Ukhimath also took heavy toll on life and property. Kamath had been a member of the survey committee that had submitted a report to the government on the probable impact on the probable area and its impact on ground valley and its impact on...



2

**DEVELOP AN INFRASTRUCTURE SYSTEM FOR 22<sup>ND</sup> CENTURY**

Sviluppare un sistema di infrastruttura per il XXII secolo

3

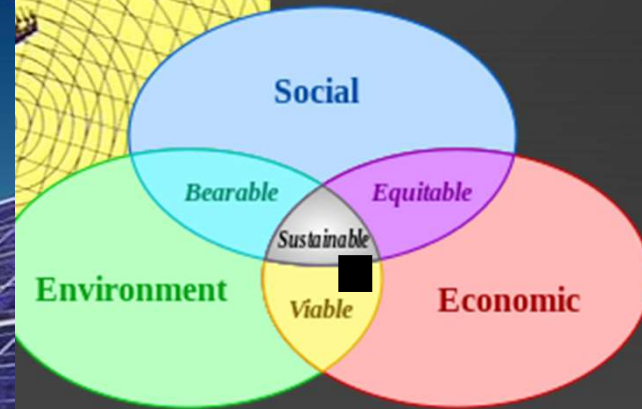
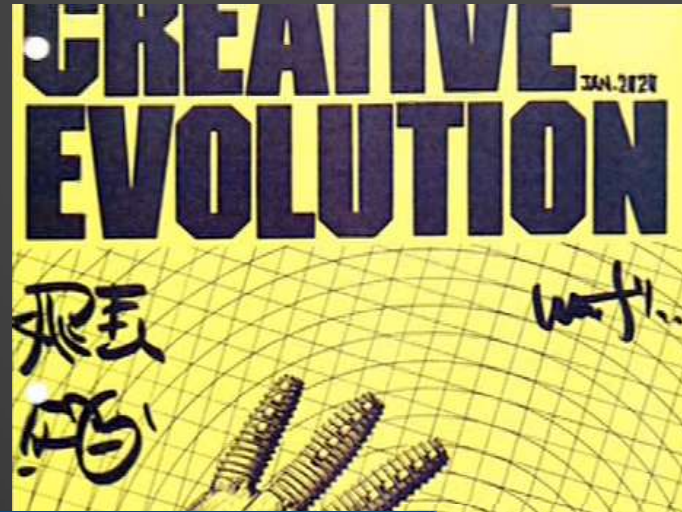
# CREATIVE AND CREATIVE NOT STATIC ECONOMIC SYSTEM

Sistema economico creativo e creativo non statico

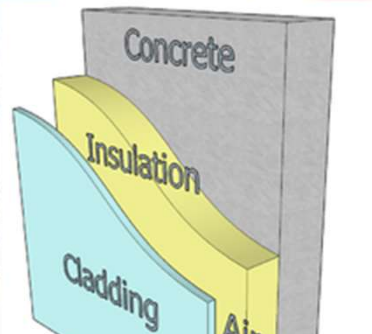


4

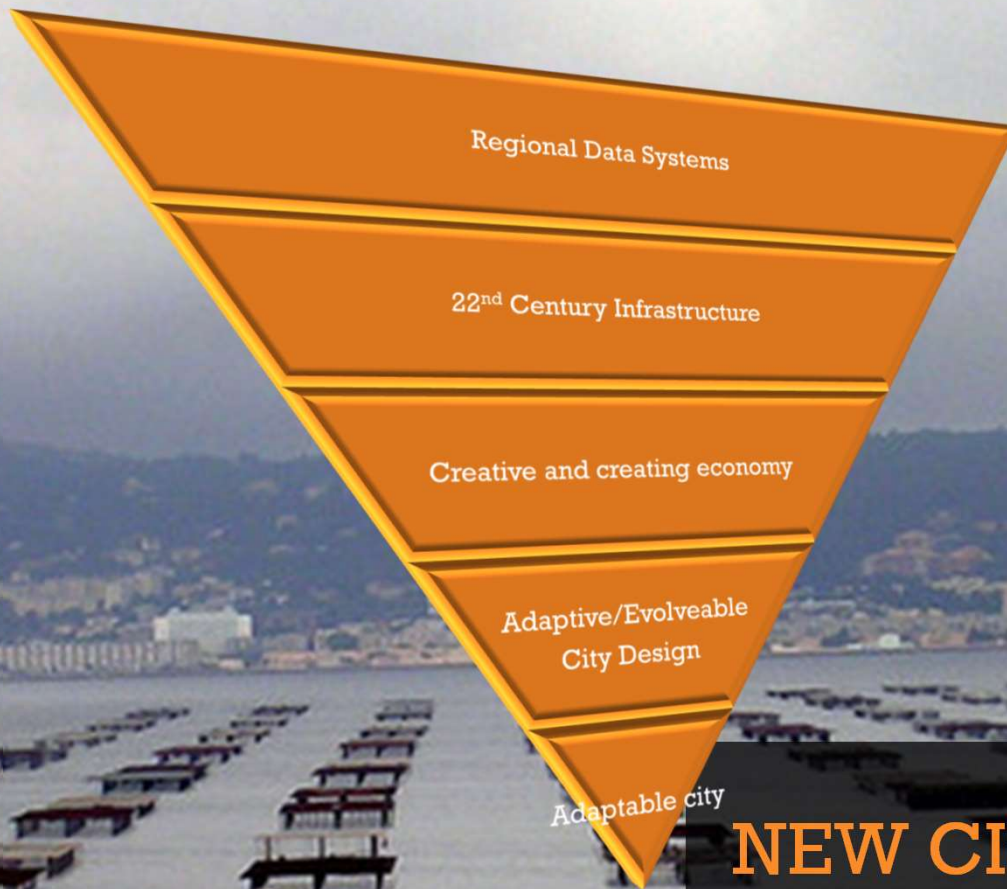
# EVOLVING COMMUNITY BUILT WITH NATURE



# 5 CLIMATE ADAPTIVE CITY DESIGN



SCHOOL OF  
CONSTRUCTION AND  
THE ENVIRONMENT



# NEW CITY MASLOW APPROACH