



Risk Management Advances in Outdoor Adventure –

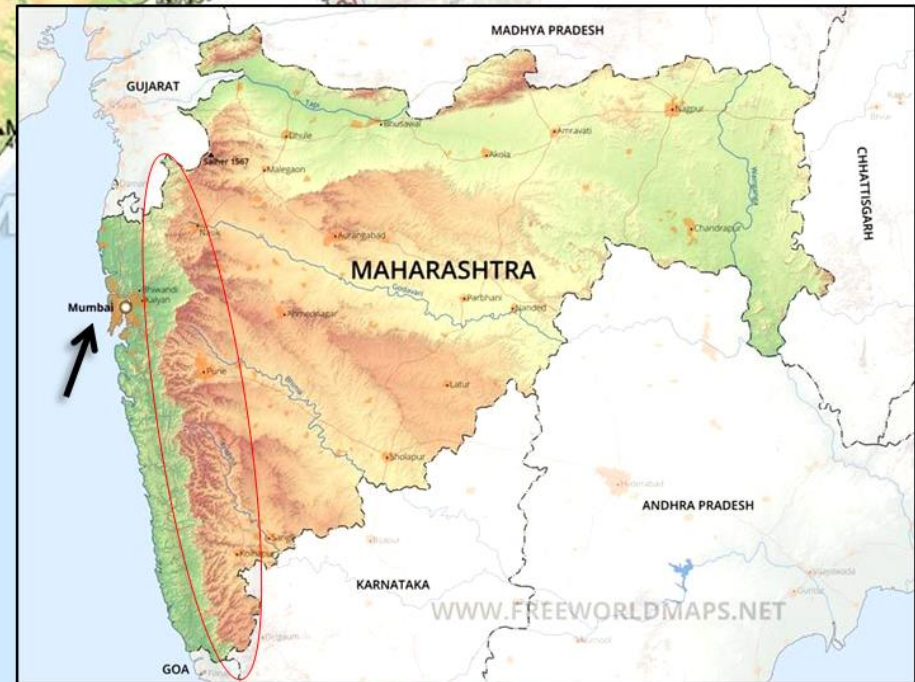
A Historical Perspective from Maharashtra, India



VIRISTAR

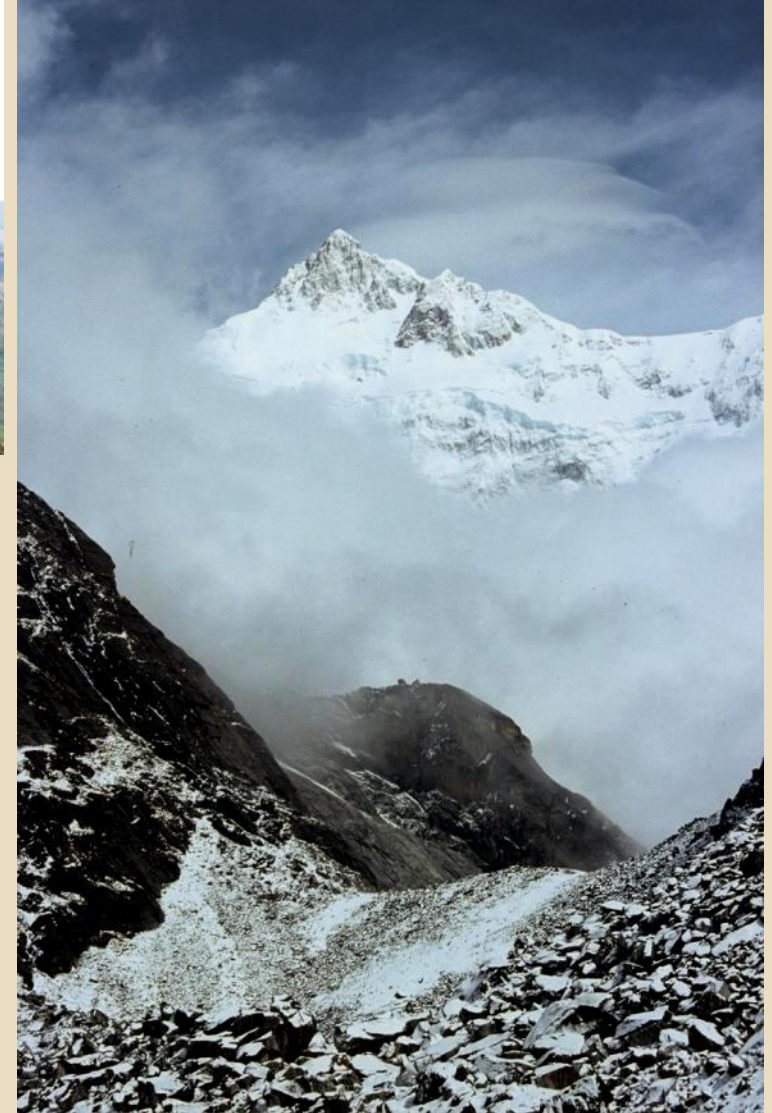


OUTDOOR
PANDIT





Hiking & rock climbing



Hiking & mountaineering





Outdoor education for children
Outdoor management development
Instructor at NOLS

Experience in work at organisational level:

- Documentation for outdoor organisations
- Founder-director of a non-profit (advocacy)



Appendix A - Index V E4.pdf - Adobe Acrobat Reader DC (32-bit)

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Home Tools Appendix A - Index... x

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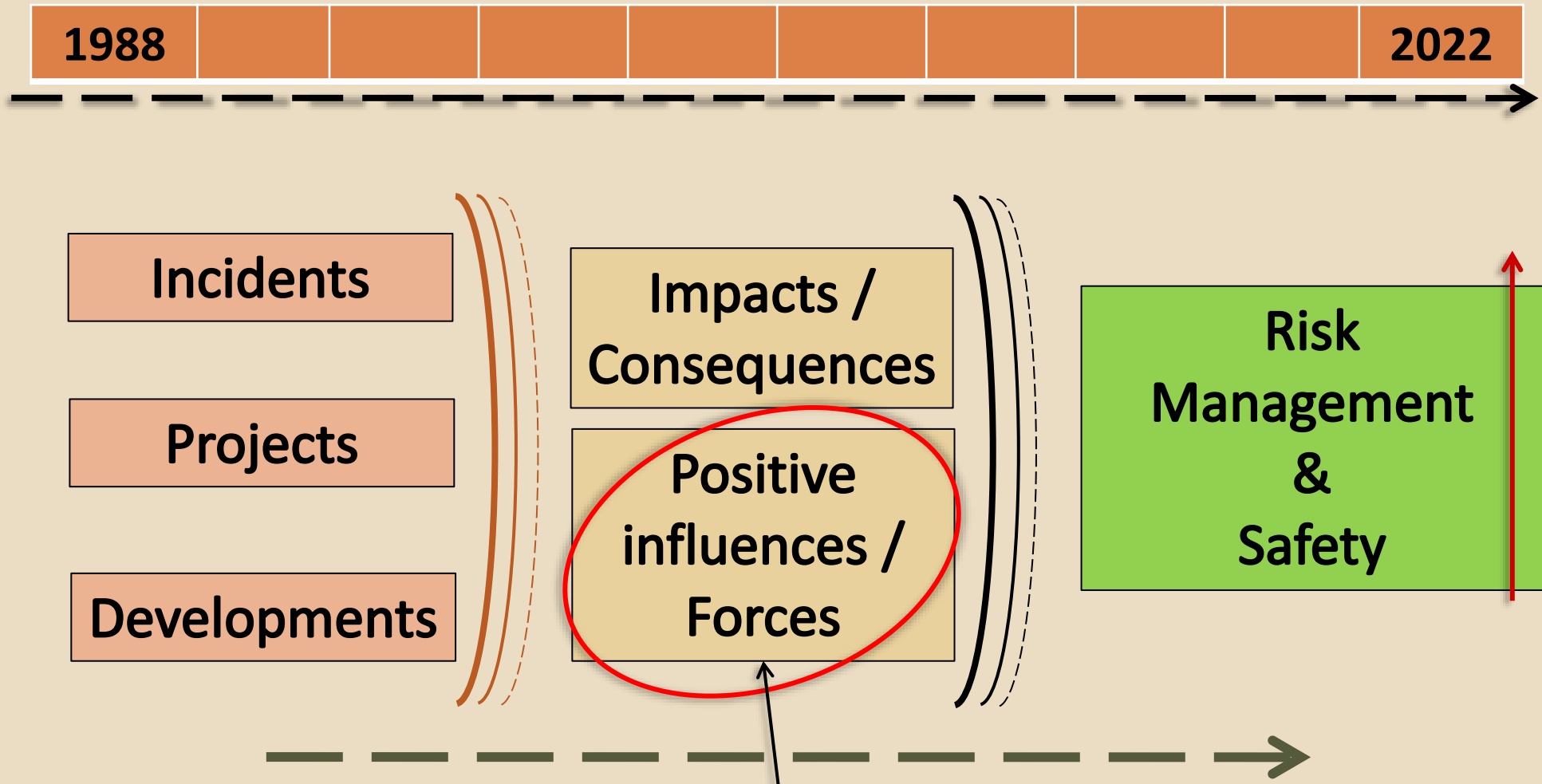
Appendix C - Land-based Adventure Activities

1	Introduction and Definitions
2	General Guideline for Adventure Activity
3	Behavioural Aspects for Staff and Participants
4	Guideline for Participants, Parents & Organizations (High Altitude Treks)
5	Guideline for Leave Minimum Impact
6	Safety Guideline for ATVs
7	Safety Guidelines for Cycling Tours
8	Safety Guideline for a Day Hike, Nature Walk
9	Safety Guideline for Multi-day Trek
10	Safety Guidelines for One Day Hike – for children
11	Safety Guideline for Multi-day Trek – for children
12	Safety Guideline for Camping (below 8,000 ft.)

<http://safetyguidelines.co.in/wp-content/uploads/2021/03/Safety-Guideline-for-Camping—below-8000-ft-V-E4.pdf>

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What to expect in the webinar:

- Personal experiences, their impact on me
- Thoughts on a few incidents/aspects in the context of RMOP
- Stages in developments on many fronts in Maharashtra

Note:

-What I state here is from

my perceptions and interpretations only

1988



KANGCHENJUNGA

First Indian Civilian Expedition
to India's Highest Mountain

Mt. Kangchenjunga (8,586 m. / 28,169 ft.)

India's Highest & World's Third Highest Mountain



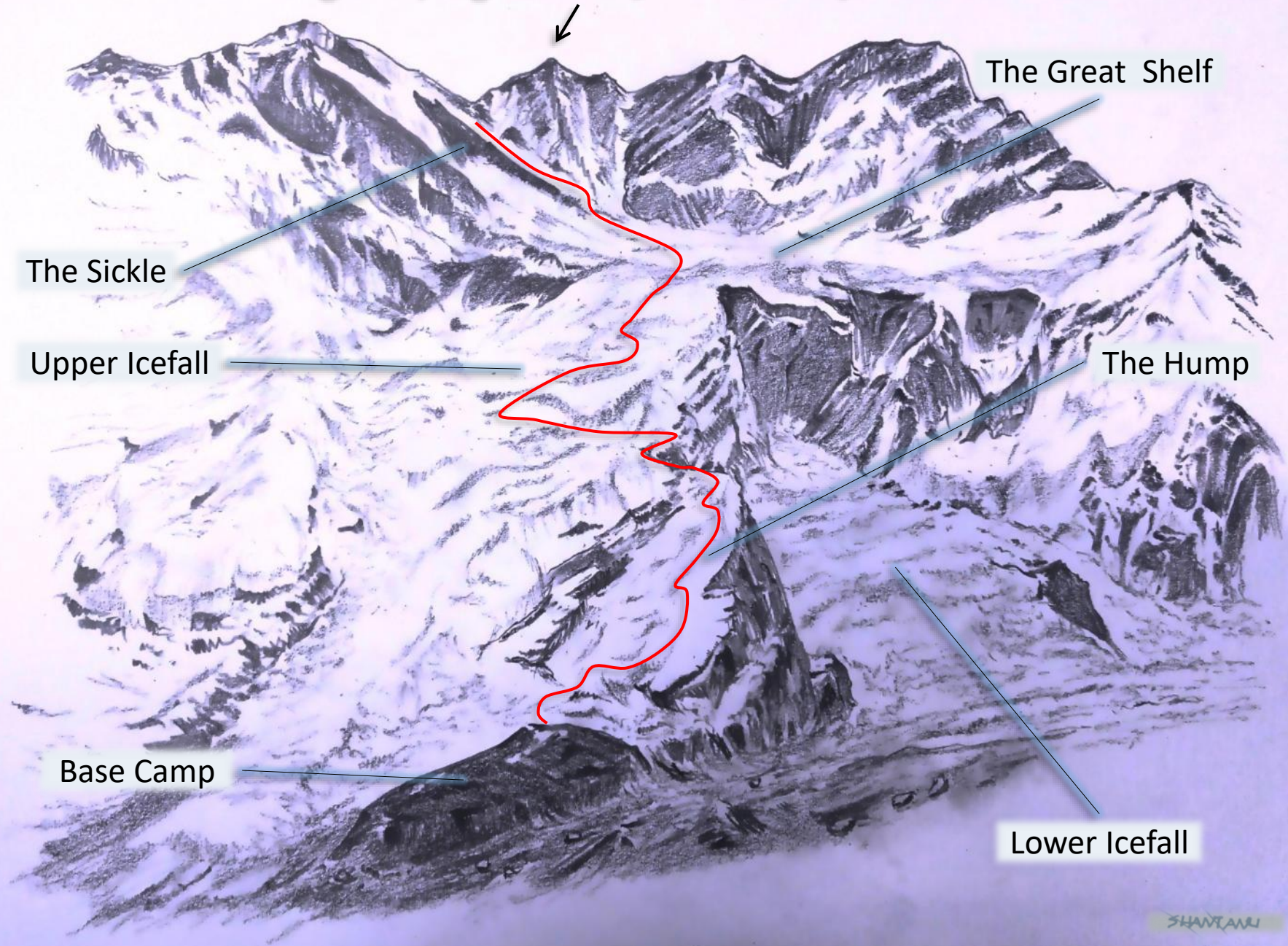
<https://www.google.com/maps/place/Kangchenjunga/>

Source: <https://www.freeworldmaps.net/mountains/kangchenjunga/>

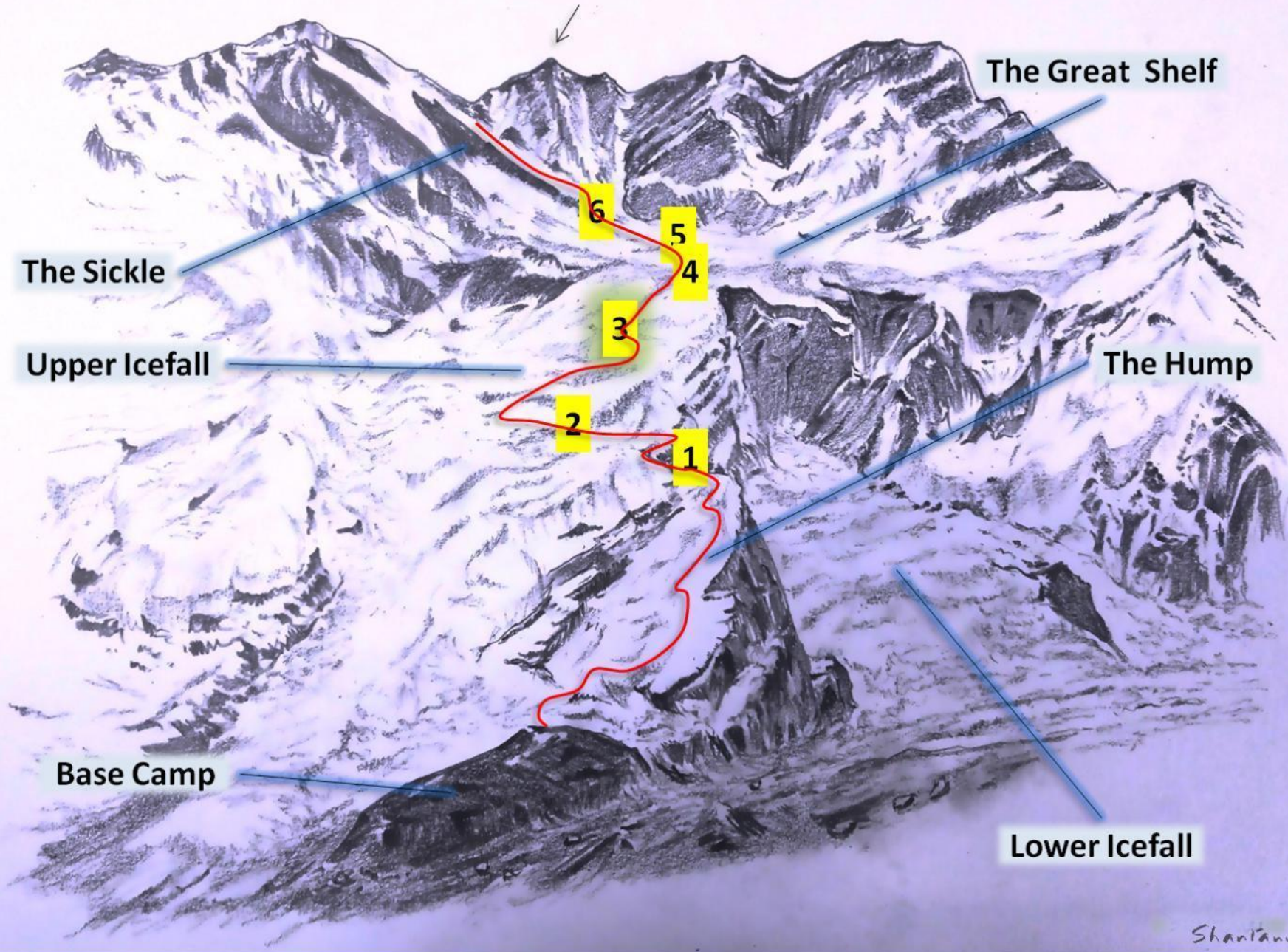


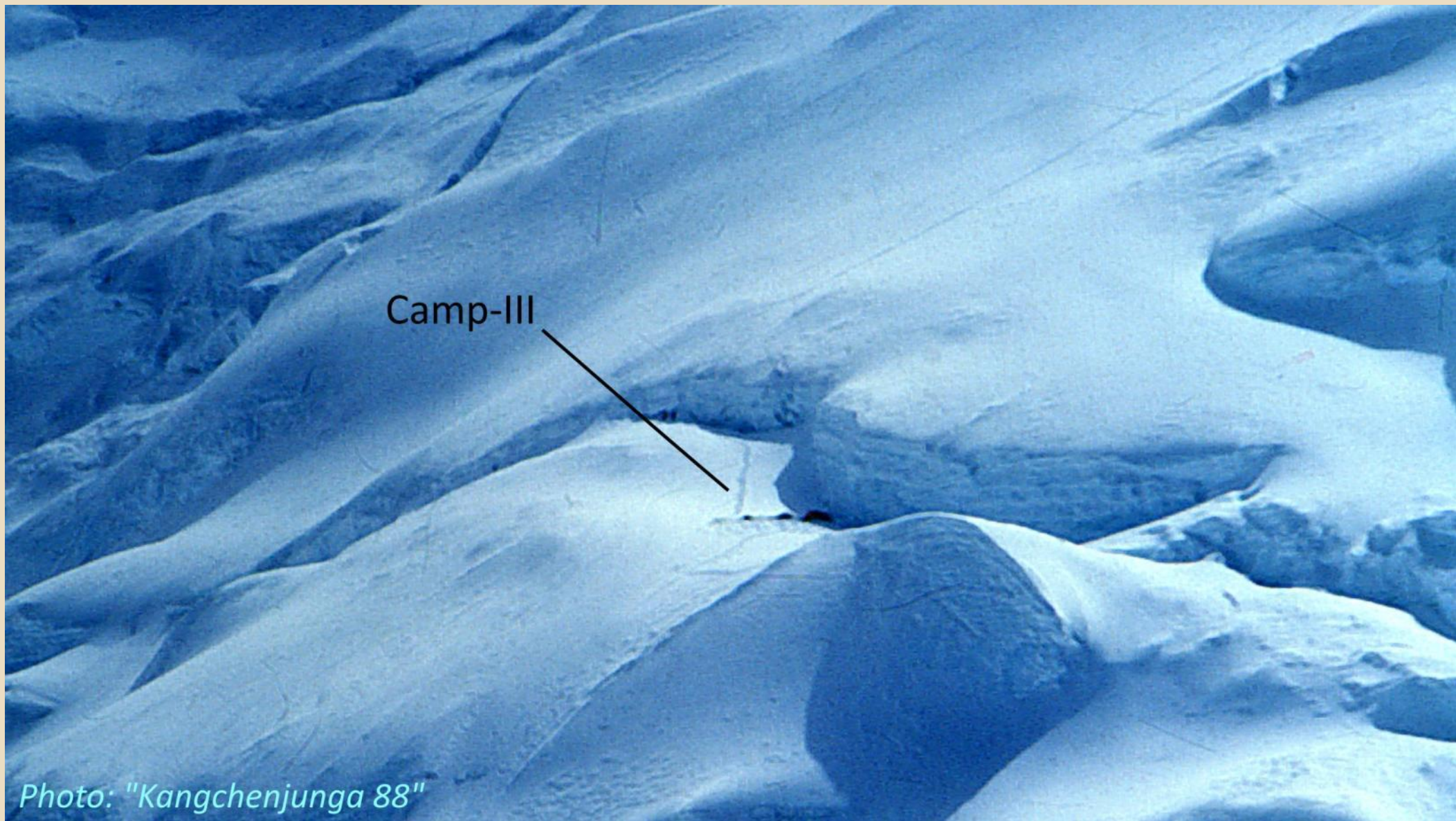
Photo: "Kangchenjunga 88"

Kangchenjunga Main 8586 m / 28169 ft



Kangchenjunga Main 8586 m / 28169 ft





Camp-III

Photo: "Kangchenjunga 88"

Camp-III



Photo: "Kangchenjunga 88"

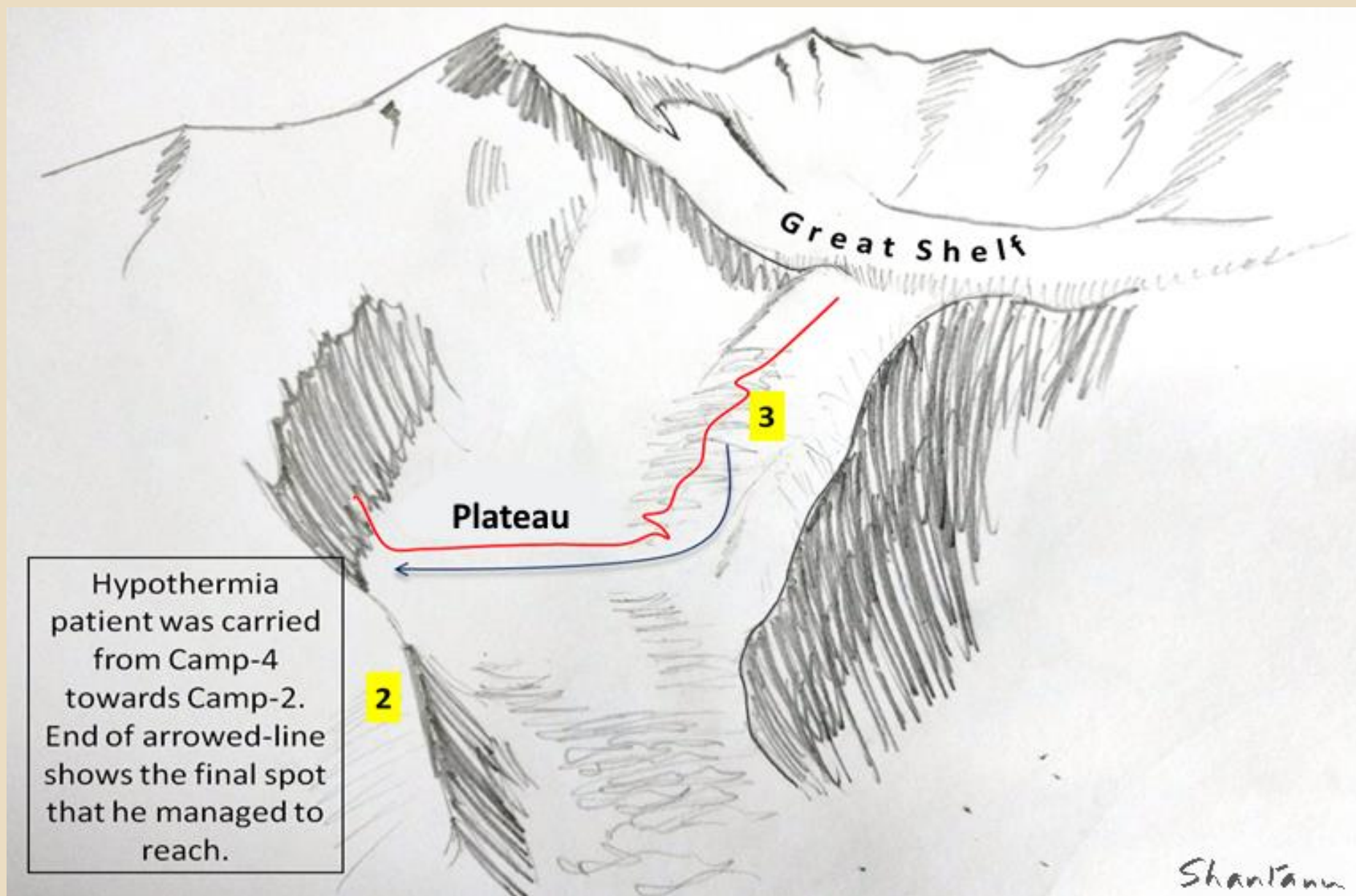
4 tents on a ledge



Photo of tent for representation: website of 'Black Diamond'



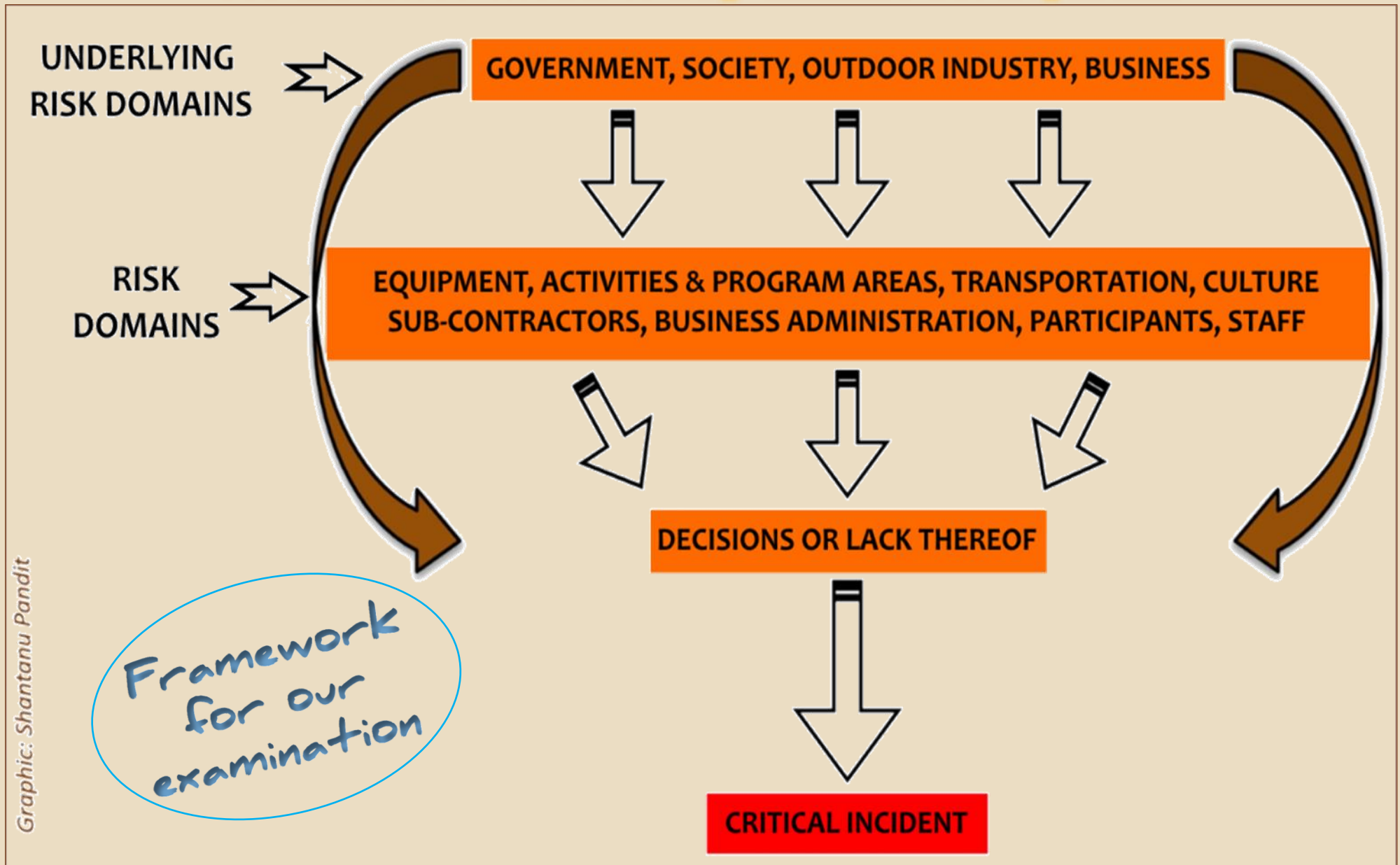
Photo: "Kangchenjunga 88"



Let's examine

1. Factors that influenced several aspects as well as the critical incident
2. An idea about key aspects in the world of adventure at the time in India

Use the RMOP Model to help examine developments



Graphic based on the 'Risk Management for Outdoor Programs' Model of "Viristar"

The Kangchenjunga 88 Expedition

UNDERLYING
RISK DOMAINS

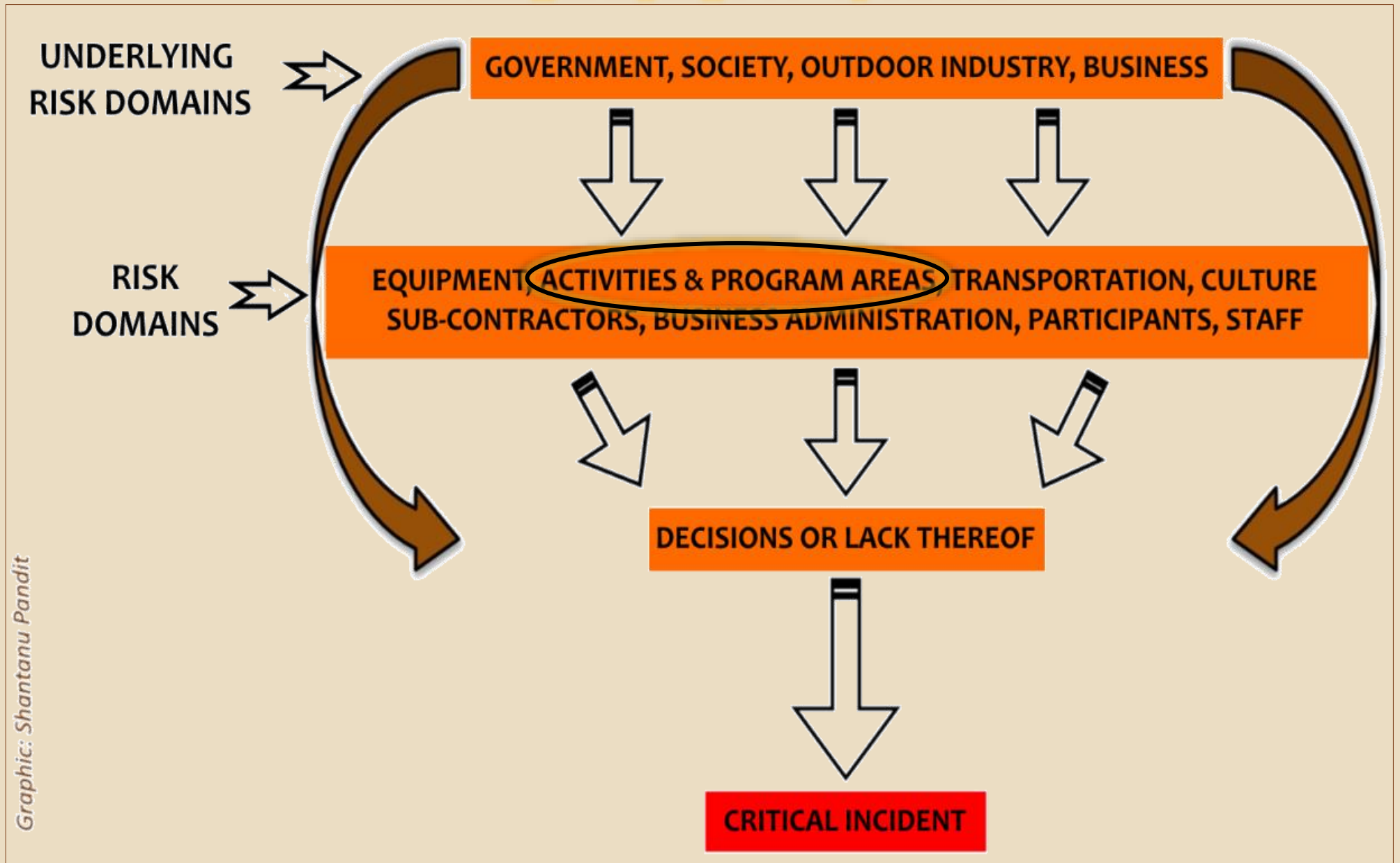
GOVERNMENT, SOCIETY, OUTDOOR INDUSTRY, BUSINESS

RISK
DOMAINS

EQUIPMENT, ACTIVITIES & PROGRAM AREAS, TRANSPORTATION, CULTURE
SUB-CONTRACTORS, BUSINESS ADMINISTRATION, PARTICIPANTS, STAFF

DECISIONS OR LACK THEREOF

CRITICAL INCIDENT



UNDERLYING
RISK DOMAINS

GOVERNMENT, SOCIETY, OUTDOOR INDUSTRY, BUSINESS

Very high altitude:

Judgment & decision-making can get impaired

RISK
DOMAINS

EQUIPMENT, **ACTIVITIES & PROGRAM AREAS,** TRANSPORTATION, CULTURE
SUB-CONTRACTORS, BUSINESS ADMINISTRATION, PARTICIPANTS, STAFF

Caution: Never judge decisions made at high altitude

- First 8000er for a civilian-organised venture
- Huge experience of organising & above-8000 m

CRITICAL INCIDENT

UNDERLYING
RISKS

GOVERNMENT, SOCIETY, OUTDOOR INDUSTRY, BUSINESS

-Tremendous support from society, government bodies & private companies =>

may have 'burdened' some climbers

PARTICIPANTS, STAFF

-There were likes and dislikes of food + food shortage in higher camps:- this affected us adversely

-Many of us stayed above BC for extended periods: this was considered 'normal

CRITICAL INCIDENT

UNDERLYING
RISK DOMAINS

GOVERNMENT, SOCIETY, OUTDOOR INDUSTRY, BUSINESS

Imported from the UK
 $\frac{1}{3}^{\text{rd}}$ of total budget

RISK
DOMAINS

EQUIPMENT,

ACTIVITIES & PRO

SUB CONTRACTORS, BUSINESS



Photo: "Kangchenjunga 80"

**1st time:
state-of-art
eqt. in bulk
for civilians**

UNDERLYING
RISK DOMAINS

GOVERNMENT, SOCIETY, OUTDOOR INDUSTRY, BUSINESS

Impact on the expedition members...



TRANSPORTATION, CULTURE
PARTICIPANTS, STAFF

CRITICAL INCIDENT

1989-
1994

Roots

‘ROOTS’

An Outdoor Education Program

5 of the 7 trustees
were from the
Kangchenjunga expedition

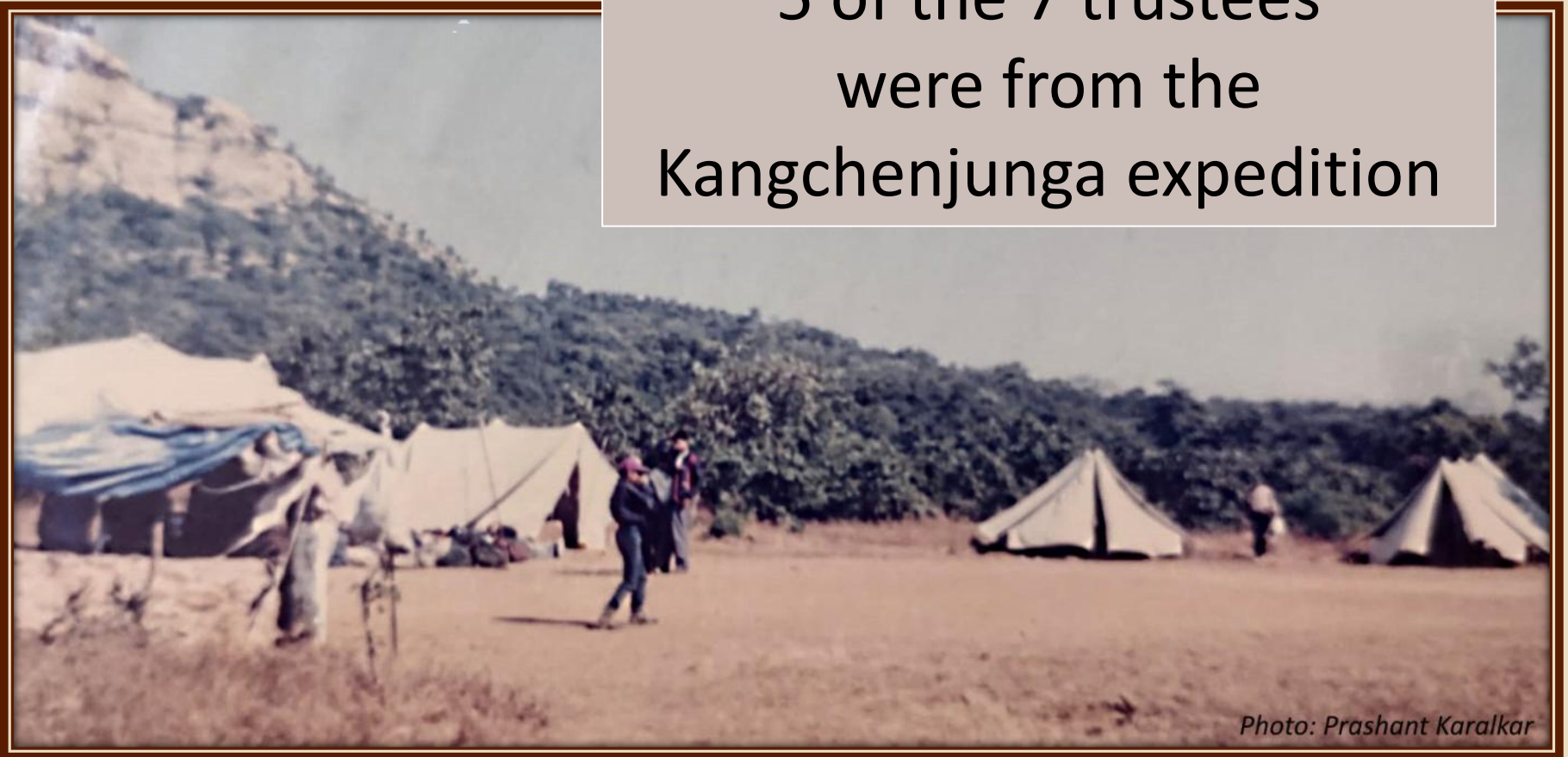


Photo: Prashant Karalkar

UNDERLYING
RISK DOMAINS

GOVERNMENT, SOCIETY, OUTDOOR INDUSTRY, BUSINESS

5-day Outdoor Education Program (OEP)

RISK
DOMAINS

EQUIPMENT, **ACTIVITIES & PROGRAM AREAS,** TRANSPORTATION, CULTURE
SUB-CONTRACTORS, BUSINESS ADMINISTRATION, PARTICIPANTS, STAFF



Photo: Prashant Karalkar

Graphic: Shantanu Pandit

Design

- Based on concept of outdoor education
- Leveraged on local socio-ecological environment

CRITICAL INCIDENT

UNDERLYING
RISK DOMAINS

GOVERNMENT, **SOCIETY**, OUTDOOR INDUSTRY, BUSINESS

- Tremendous response from schools
- Media coverage for our events
- Donations: land, tube-well: enhanced safety
- Tie-up with a city hospital: enhanced confidence & safety

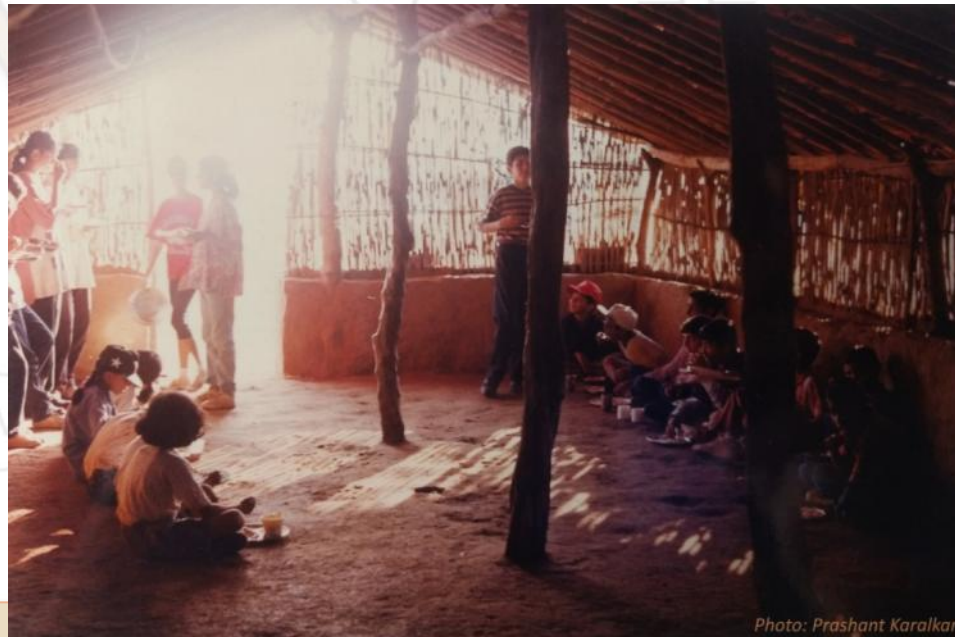


Photo: Prashant Karalkar

UNDERLYING
RISK DOMAINS

GOVERNMENT, SOCIETY, **OUTDOOR INDUSTRY,** BUSINESS

-The only courses available then:
rock climbing & mountaineering (directive style)

RISK DOMAINS EQUIPMENT, ACTIVITIES & PROGRAM AREAS, TRANSPORTATION, CULTURE
SUB-CONTRACTORS, BUSINESS ADMINISTRATION, PARTICIPANTS, **STAFF**

-Our leader, trained in the UK, had vision
Instructor training modules, by:
naturalists, educationists, school principals
Reading material from the U.K.

DIAGRAM-1



Photo: Sanjay Lokre

**1991
onwards**

GOVERNMENT,

SOCIETY, OUTDOOR INDUSTRY, BUSINESS

Broader context for all such developments

1991: 'Liberalization' - economic reforms on national level

E.g., TV channels, automobile industry

Spin-off effects:

- Increased exposure to outdoors & adventure
- Beginning of rise in numbers in adventure tourism
- Exploration by HR professionals and business consultants
- Incorporation of adventure by entertainment industry
- Experimentation in outdoor-ed for children
- Adverse impact on environment's various components**

2000
onwards

GOVERNMENT, SOCIETY, OUTDOOR INDUSTRY, BUSINESS

- Dramatic increase in 'adventure tourism'
- Safety of people & environment: effects, very pronounced

EQUIPMENT,

ACTIVITIES & PROGRAM AREAS, TRANSPORTATION, CULTURE
SUB-CONTRACTORS, BUSINESS ADMINISTRATION,

PARTICIPANTS, STAFF

- Increased attention by concerned citizens & govt. bodies
- Different types of courses: *Wilderness 1st Aid, Outdoor Leadership, Natural History, Cultural Awareness*
- NOLS and Outward Bound branches & schools
- Equipment, big brands, UIAA certified: easily available

CRITICAL INCIDENT

2000
onwards

Personally for me:



-Exposure to outdoor leadership &

functioning of outdoor organisations

-Training programs for hiking-mountaineering clubs

-Extensive work with one club

-Safety guidelines and advocacy

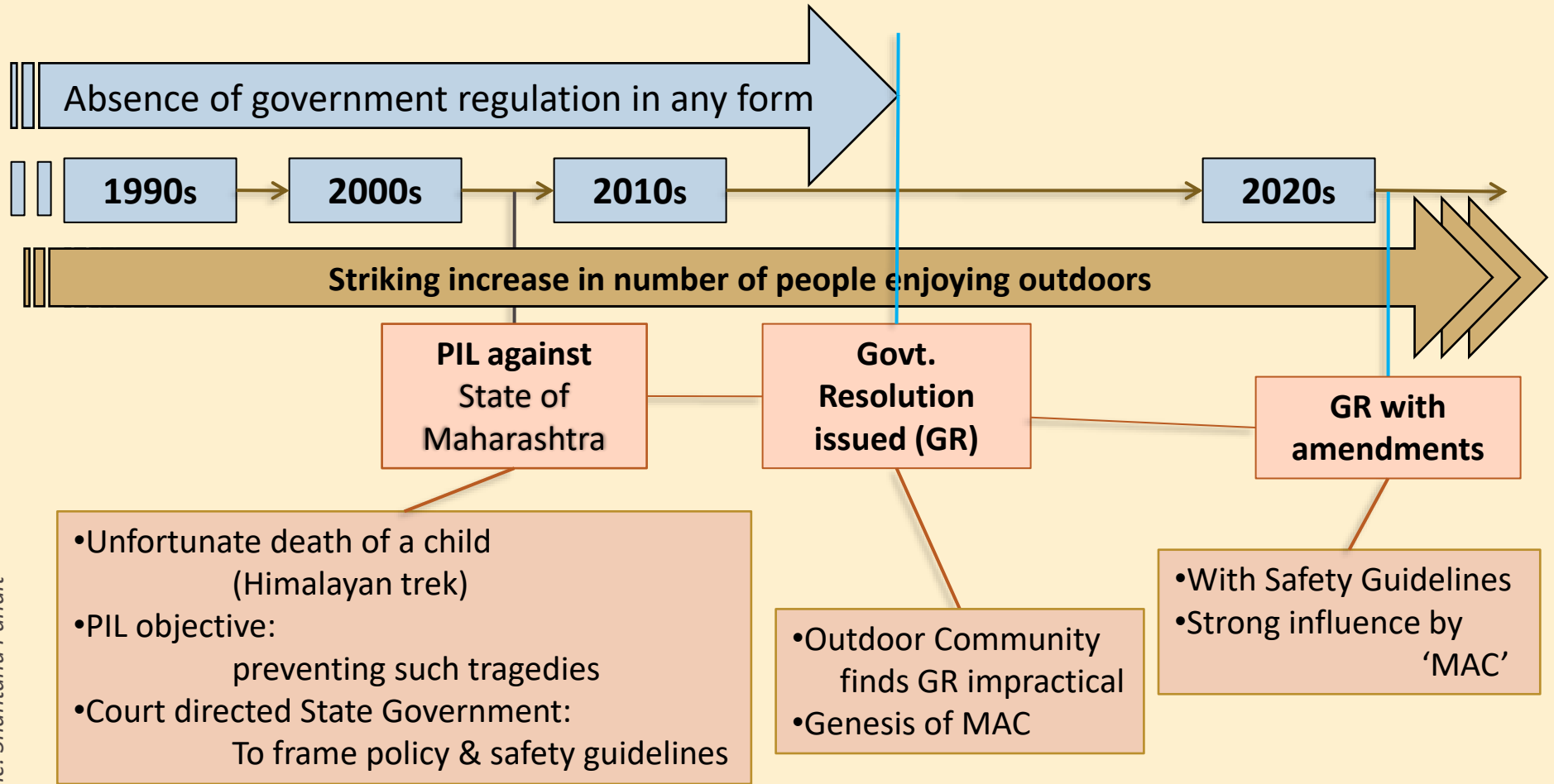




MAHA ADVENTURE COUNCIL

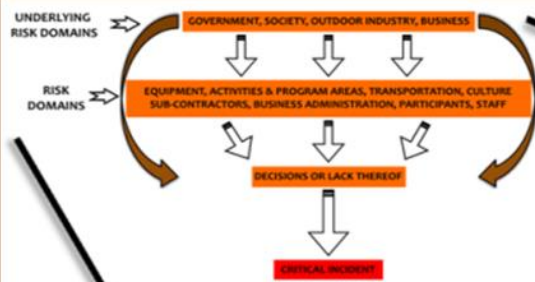
Safety & Excellence

(MAC)



Graphic: Shantanu Pandit

In these developments: a core group of people involved consistently



1988



2021

UNDERLYING
RISK DOMAINS

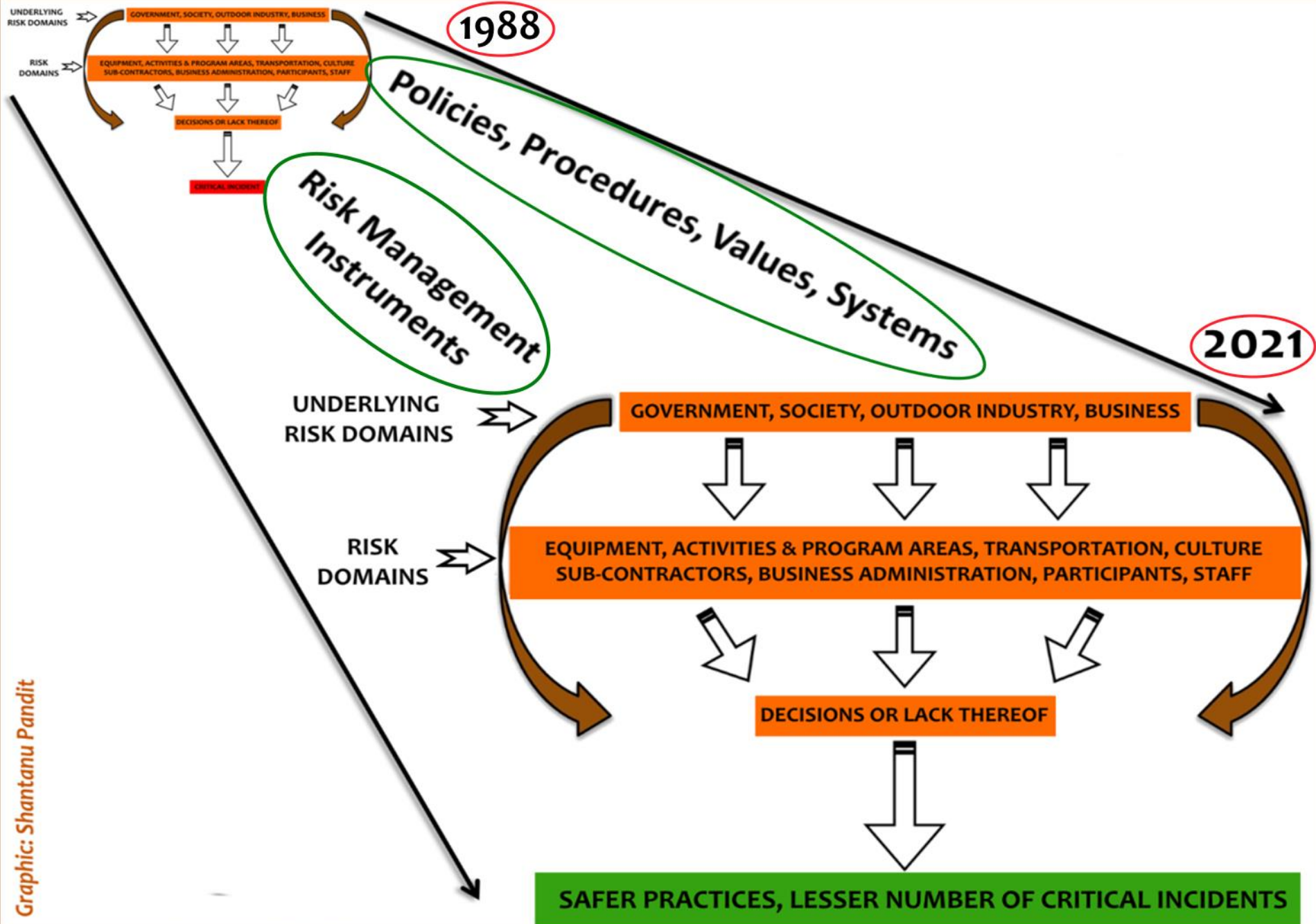
RISK
DOMAINS

GOVERNMENT, SOCIETY, OUTDOOR INDUSTRY, BUSINESS

EQUIPMENT, ACTIVITIES & PROGRAM AREAS, TRANSPORTATION, CULTURE
SUB-CONTRACTORS, BUSINESS ADMINISTRATION, PARTICIPANTS, STAFF

DECISIONS OR LACK THEREOF

SAFER PRACTICES, LESSER NUMBER OF CRITICAL INCIDENTS



★ Individual
enthusiasts

★ Parents &
guardians

★ Government

★ Outdoor
associations

★ Local
populations

★ Outdoor
clubs &
companies

★ Schools

★ Equipment
manufacturers

★ Outdoor
experts

★ Naturalists &
Conservationists

All entities
need to work
together

Risk
Management
&
Safety

We All can
contribute!



Blog: www.outdoorpandit.com



VIRISTAR

GLOBAL RISK SOLUTIONS

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Related resources:

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