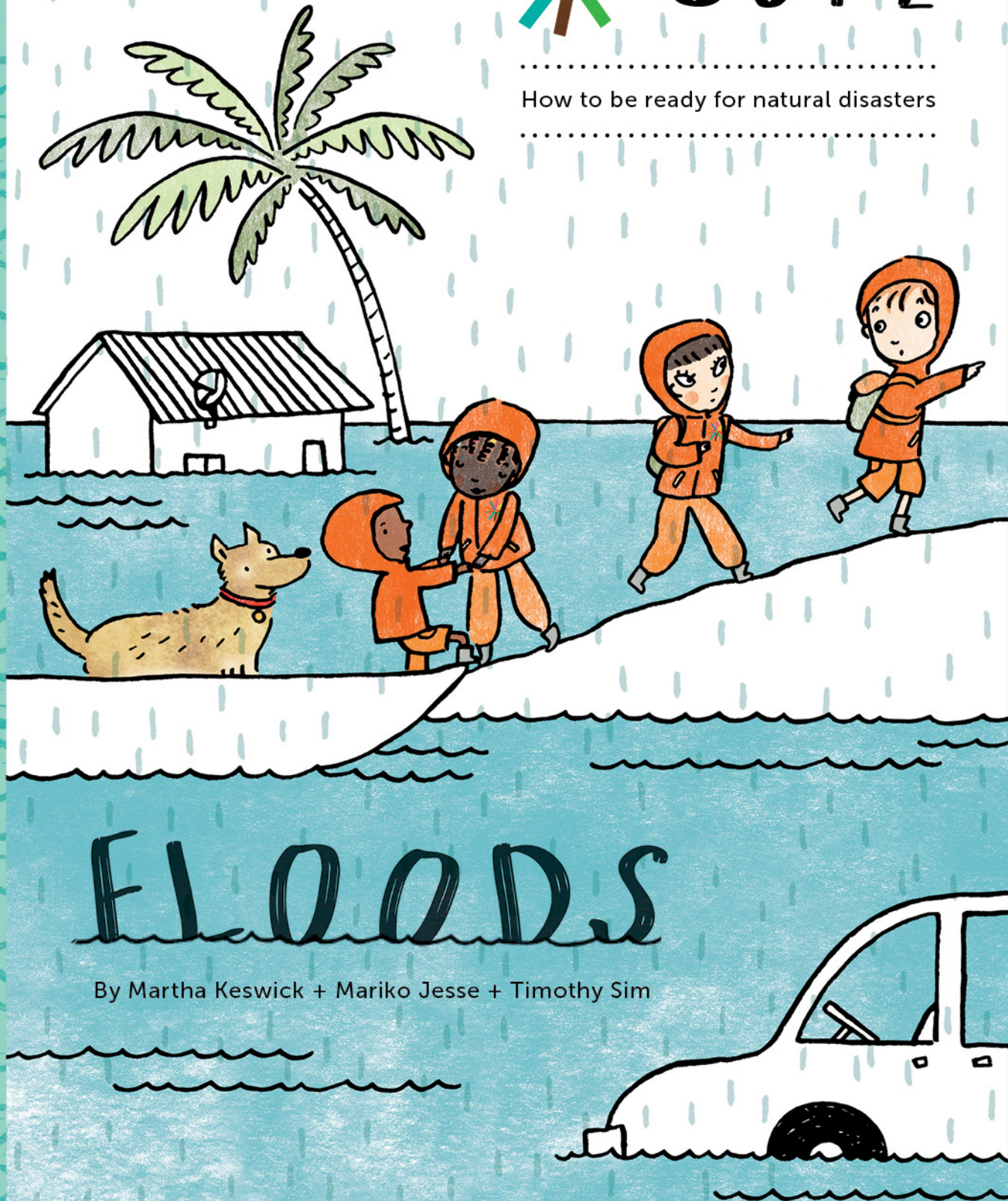




COPE

How to be ready for natural disasters



FLOODS

By Martha Keswick + Mariko Jesse + Timothy Sim

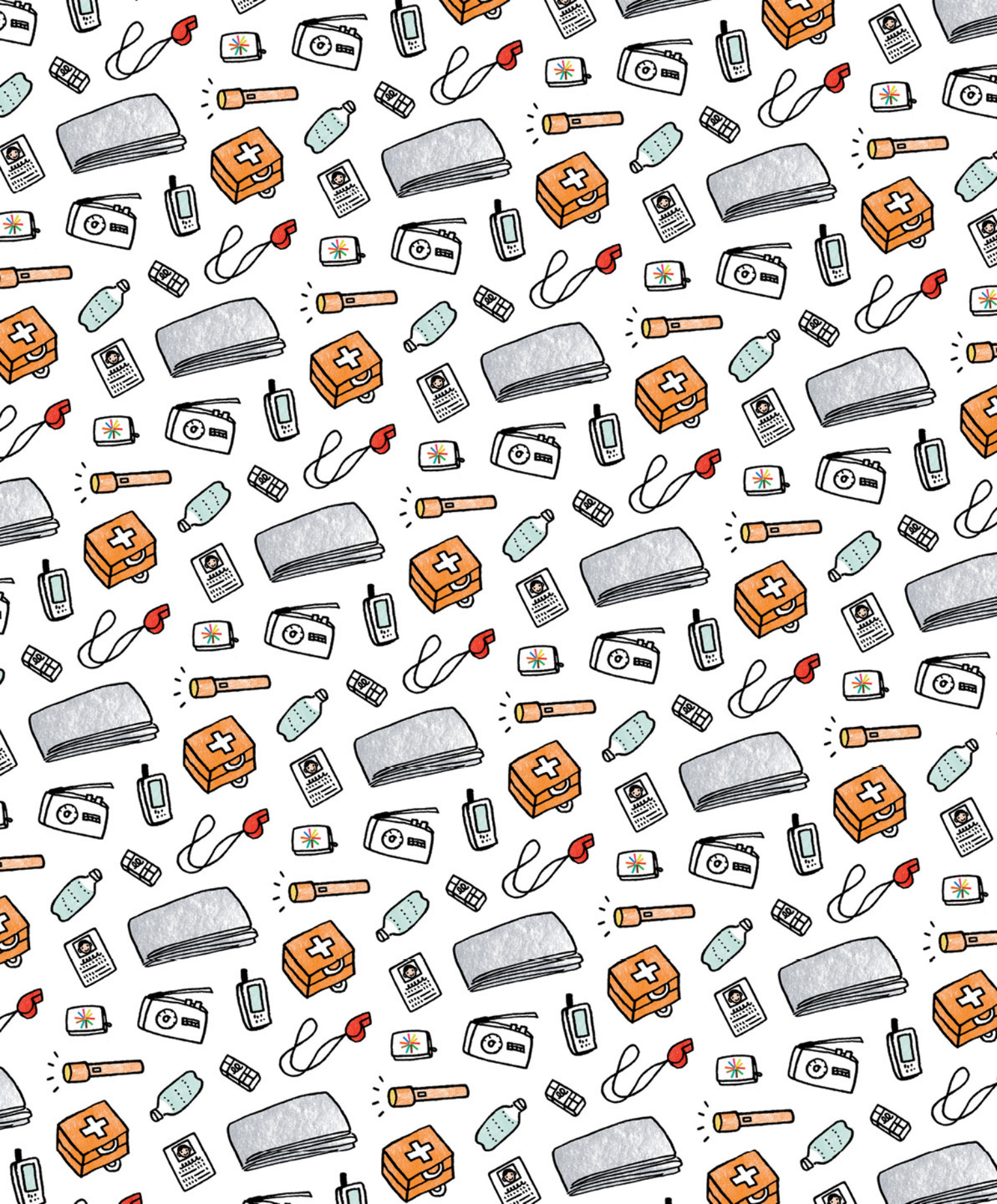
What are natural disasters?

Forces of nature that cause destruction of life and property, they happen with little warning and occur all over the world. There are many types of natural disasters – earthquakes, landslides, tsunamis, floods, cyclones, blizzards, storm surges, heatwaves, volcanoes, wildfires and droughts.

What are floods?

Floods happen during heavy rains, when rivers overflow, when ocean waves come onshore, when snow melts too fast or when dams break. Flooding may be only a few inches of water or may cover a house to the rooftop. Floods that happen very quickly are called flash floods.

*COPE will teach you how to be
ready for Floods!*





**How to be ready for
natural disasters – floods**

Copyright © 2019 Martha Keswick,
Mariko Jesse & Timothy Sim.
All rights reserved.

AUTHOR Martha Keswick

ILLUSTRATOR Mariko Jesse

EDITOR Timothy Sim

DESIGNER Sandy Lui

Printed in Hong Kong by
Suncolor Printing Company Limited

www.cope-disaster-champions.com

Special thanks to:

COPE FLOODS COLLABORATORS



UNIVERSITI
PENDIDIKAN
SULTAN IDRIS
اوتيزيتي قنديديقن سلطان ادريس

SULTAN IDRIS EDUCATION UNIVERSITY



UNIVERSITI KEBANGSAAN MALAYSIA
The National University of Malaysia

SCIENTIFIC ADVISOR



香港天文台
HONG KONG OBSERVATORY



COPE

.....
How to be ready for natural disasters
.....

FLOODS

By Martha Keswick + Mariko Jesse + Timothy Sim

In memory of Sandy Lui



Who is Grand Mistress Fu?

A famous Chinese martial arts teacher and founder of the Mount Emei Wushu School. Grand Mistress Fu, also known as Shifu, is disciplined and tough yet has an enormous heart. She narrowly escaped death as her school collapsed during the Wenchuan Earthquake in May 2008 and has since dedicated her life to Disaster Risk Reduction.



What is The COPE Academy?

An international disaster hub, hidden in Sichuan Province, set up by Grand Mistress Fu. The COPE Squad – Candy, Ollie, Ping and Eddy are teenage orphans who were plucked out of their care homes to live at The COPE Academy and trained to be disaster risk reduction agents.



Sense THE SNAKE

A beautiful 25-year-old python. Sense has a special gift for predicting disasters. Grand Mistress Fu feeds her mice every month.



Rescue THE DOG

A huge 8-year-old Kunming Wolf Dog, Rescue tracks missing people. His favourite hobby is catching flies.



The C O P E Squad



Candy

THE CARER

12 years old from Kranshoek, South Africa, Candy is kind, strong, lively and loves playing drums and hula-hooping. Her role is to care for vulnerable groups affected by disasters such as children, elderly or disabled.

Disaster Experience:
Wildfires



Ollie

THE SCIENTIST

13 years old from Christchurch, New Zealand, Ollie is clever, popular, sporty and loves astronomy and rugby. His role is to understand weather patterns, climates and ecology.

Disaster Experience:
Earthquakes



Ping

THE NETWORKER

12 years old from Hong Kong, Ping is practical, chatty, creative and loves cooking and Wushu. Ping is the networker and spokesperson within the COPE squad.

Disaster Experience:
Floods



Eddy

THE ENGINEER

12 years old from Bahia, Brazil. Eddy is curious, witty, chilled out and loves Lego and skateboarding. Eddy is a talented engineer focusing on the safety of buildings.

Disaster Experience:
Landslides



COPE Signs

Since Eddy is hearing impaired, COPE sometimes chat using the Brazilian sign language, Libras. Can you spot the signs for **Evacuate**, **Ready** and **Floods**?

Winter had well and truly arrived in Mount Emei. Even in the December snow, Grand Mistress Fu still practiced her Tai Chi.





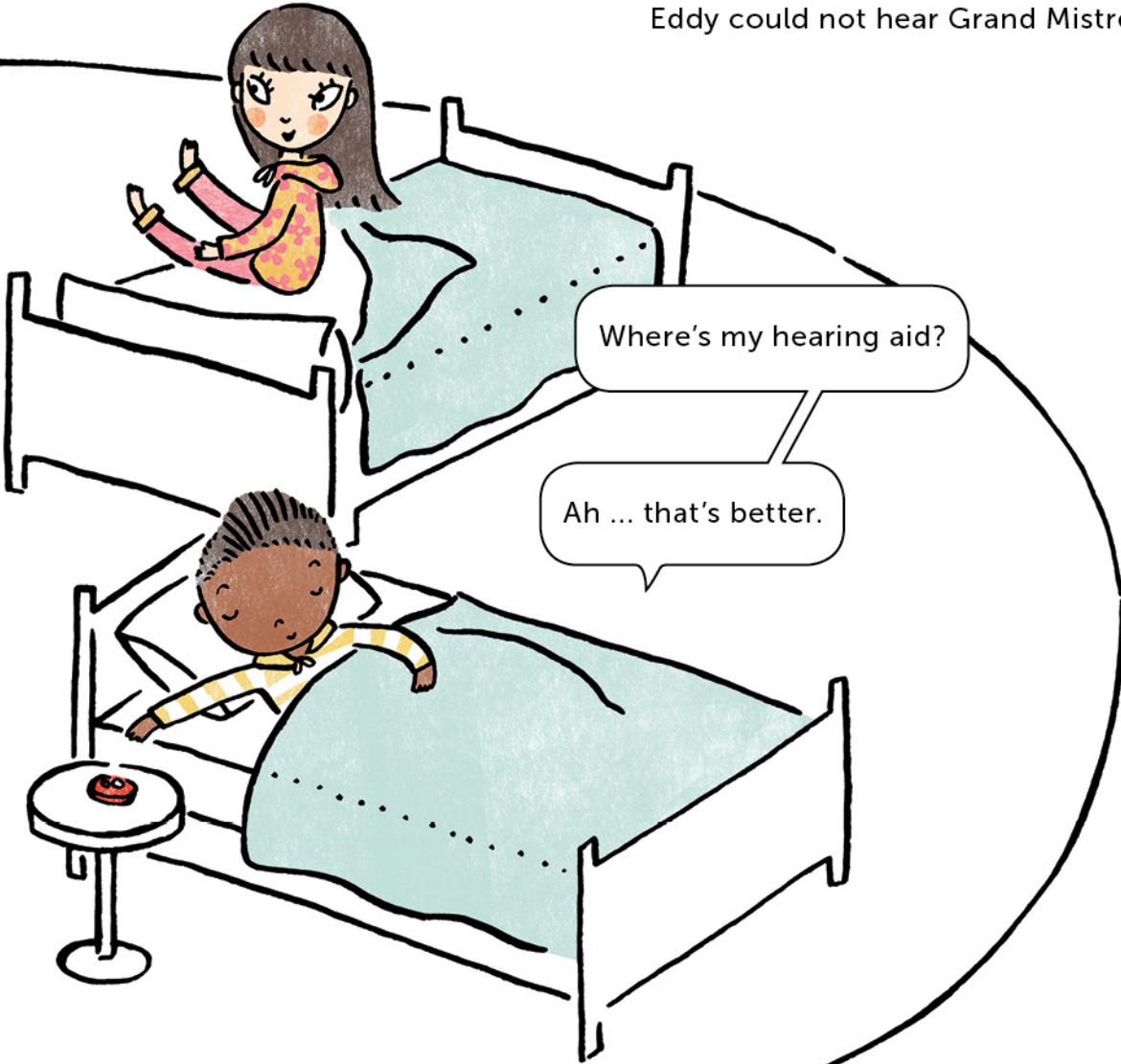
She gently picked up Sense and went
inside The COPE Academy.

Good morning, Shifu.

Eddy could not hear Grand Mistress Fu well.

Where's my hearing aid?

Ah ... that's better.





Soya milk and steamed
buns – Yummy!!

Meet me in the Zen Room
for Yoga, 7am, sharp!





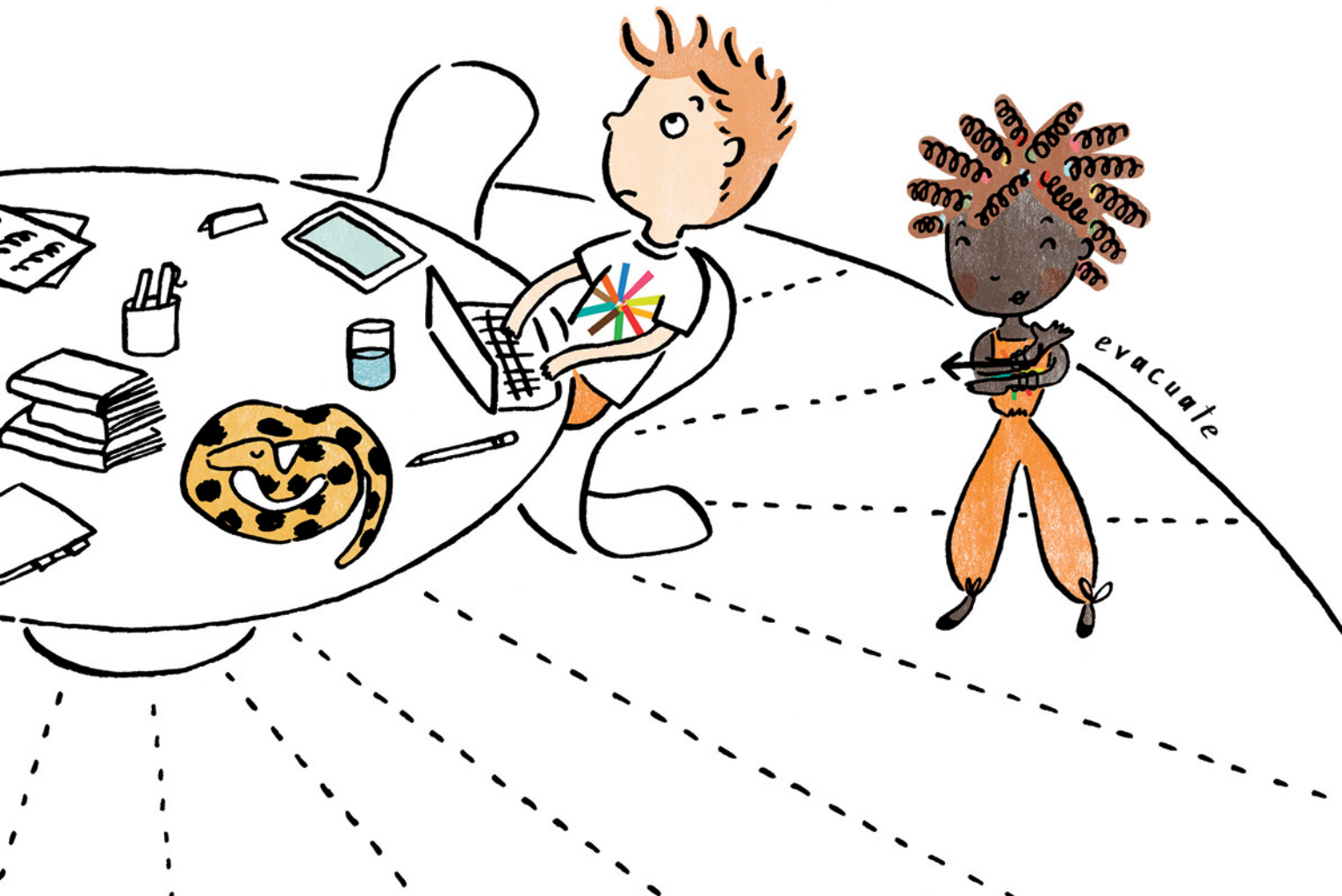
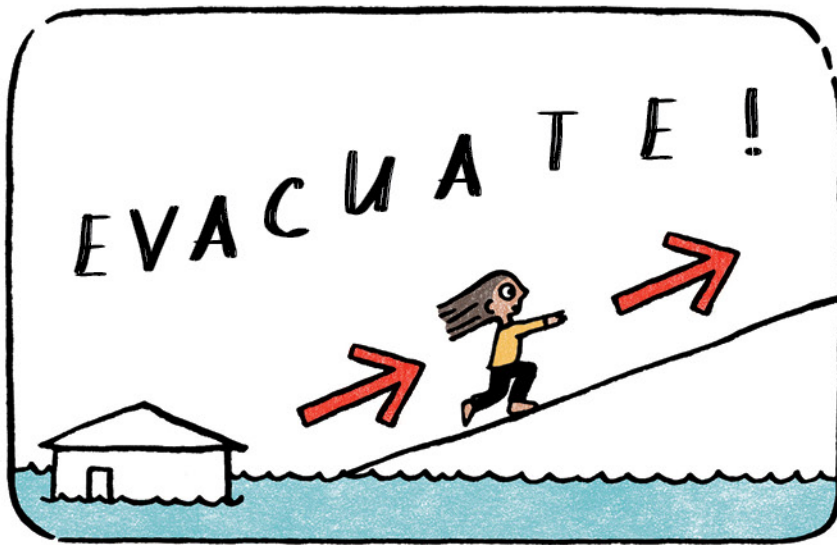
Close your eyes and take 3 deep breaths.
We will start with the Boat pose ... and then
the Dolphin pose ...

Today we will focus on the most
common natural disaster;

FLOODS!

And learn the most
important message...





Now, COPE, what should you do
BEFORE A FLOOD?



Make a *contact plan*
with your family.



Pack a flood
survival bag.



Plan your *evacuation route* ...
up to higher ground.

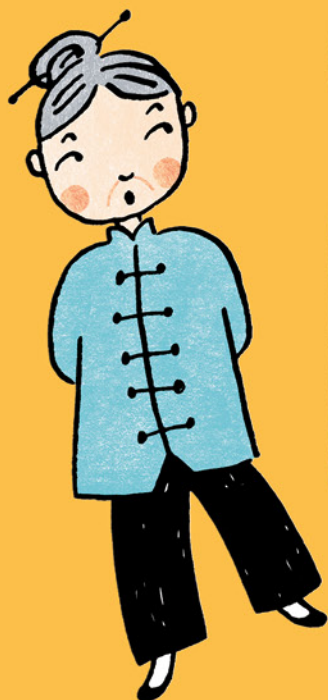
Watch out for local
flood warnings
on the TV, radio or internet.

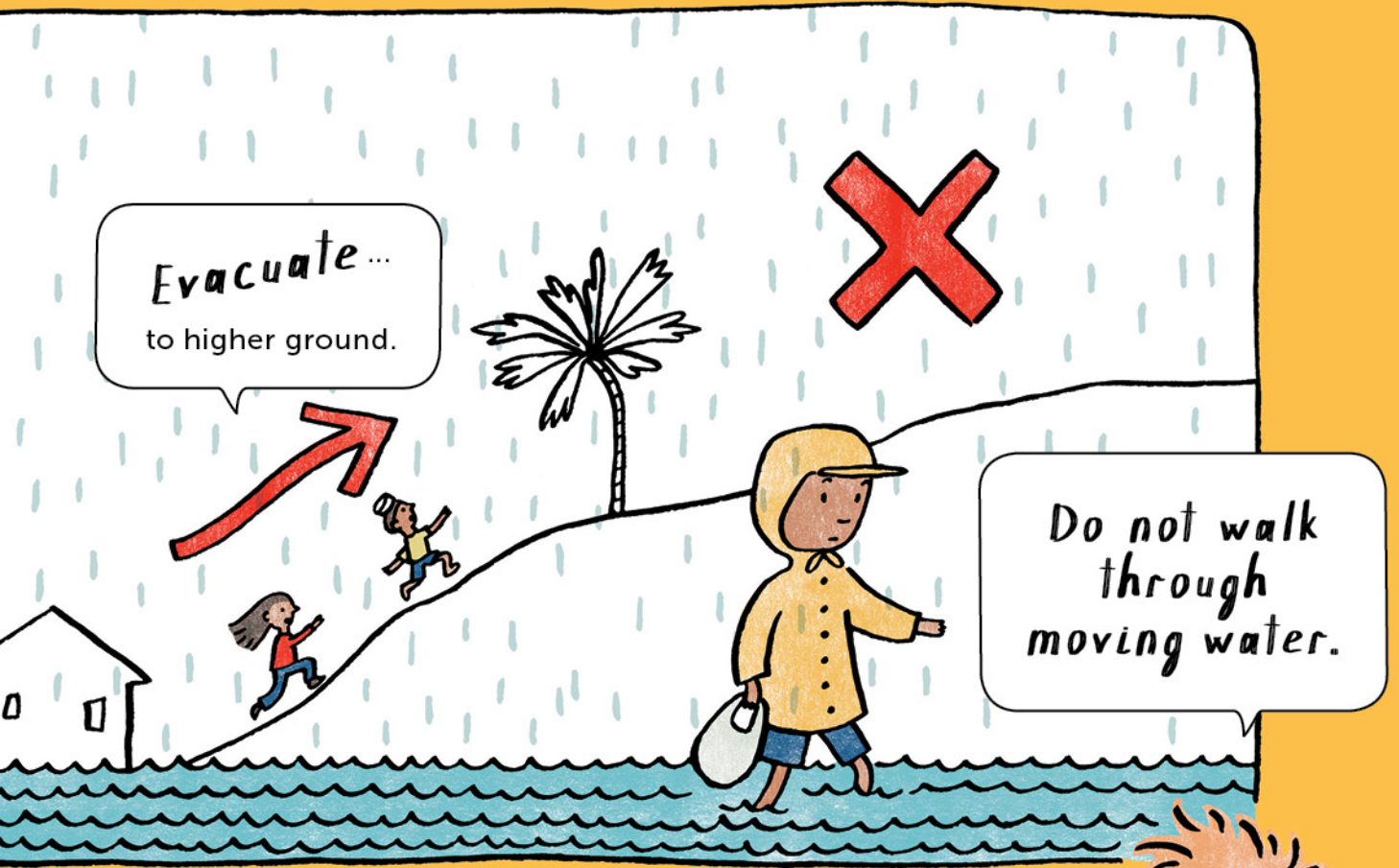


And
DURING A FLOOD?

Listen
to emergency and
rescue services.

Turn off
light switches and any
electrical switches.







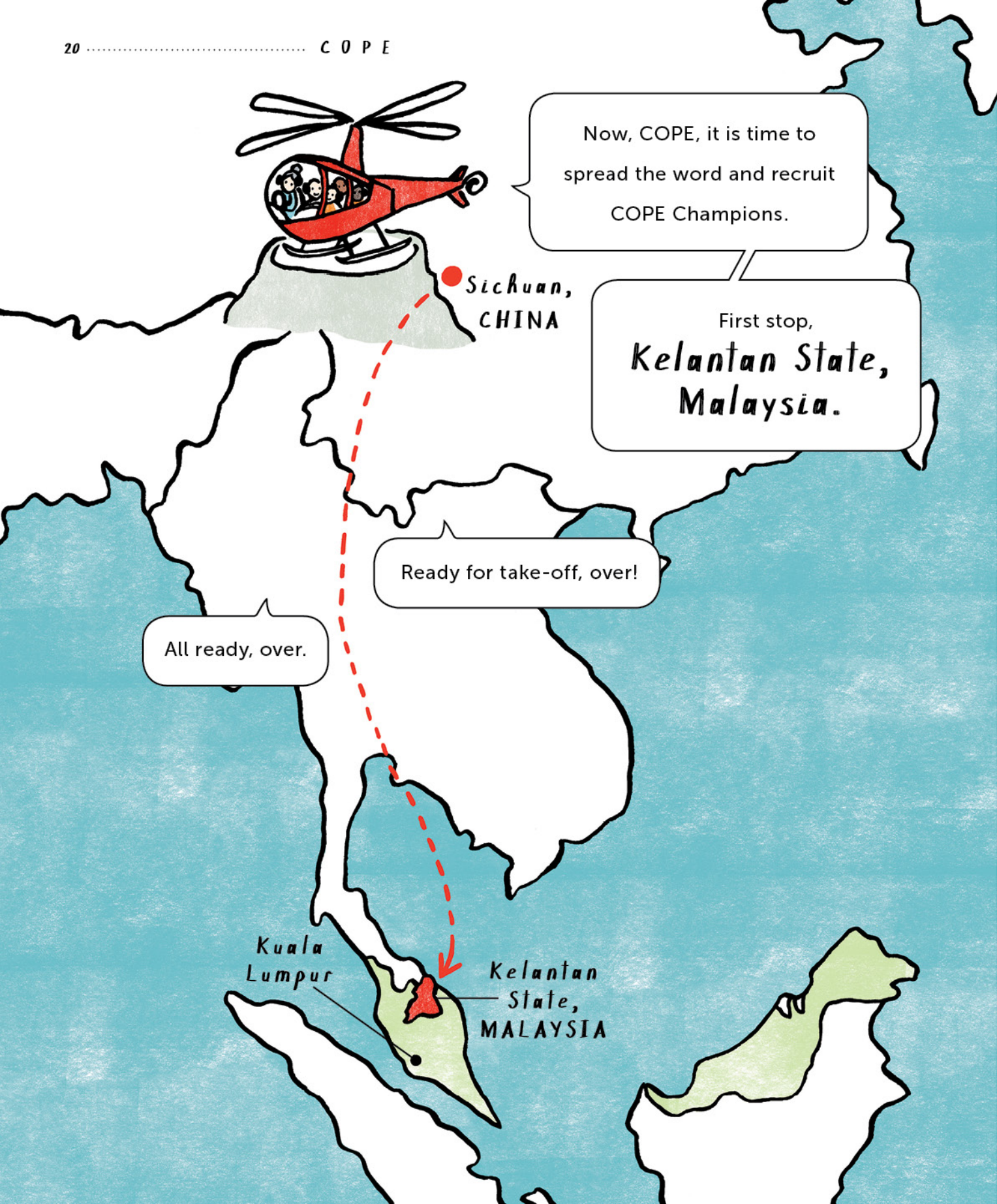
And
AFTER A FLOOD?

Do not drink
flood water.

Do not play
in flood water.







Now, COPE, it is time to
spread the word and recruit
COPE Champions.

First stop,
Kelantan State,
Malaysia.

Ready for take-off, over!

All ready, over.

Kuala
Lumpur

Kelantan
State,
MALAYSIA

December was monsoon season in Kelantan.



Has everyone
remembered their
raincoats, over?

Oops, over!

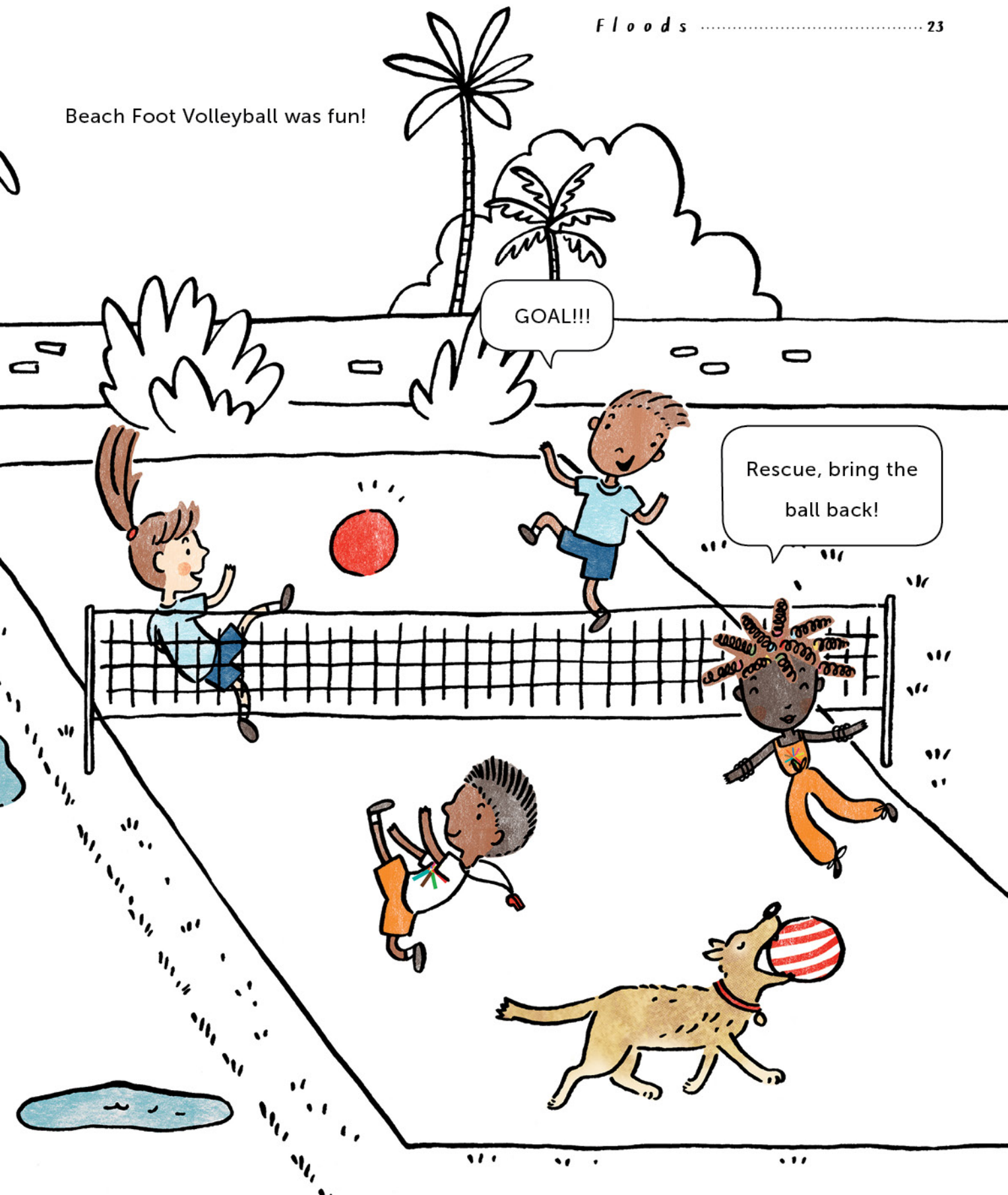
I have a spare one, over.

COPE stayed in a local boarding school.

They played Hopscotch ... and learnt new games
such as Five Stones ... and Police and Thief ...



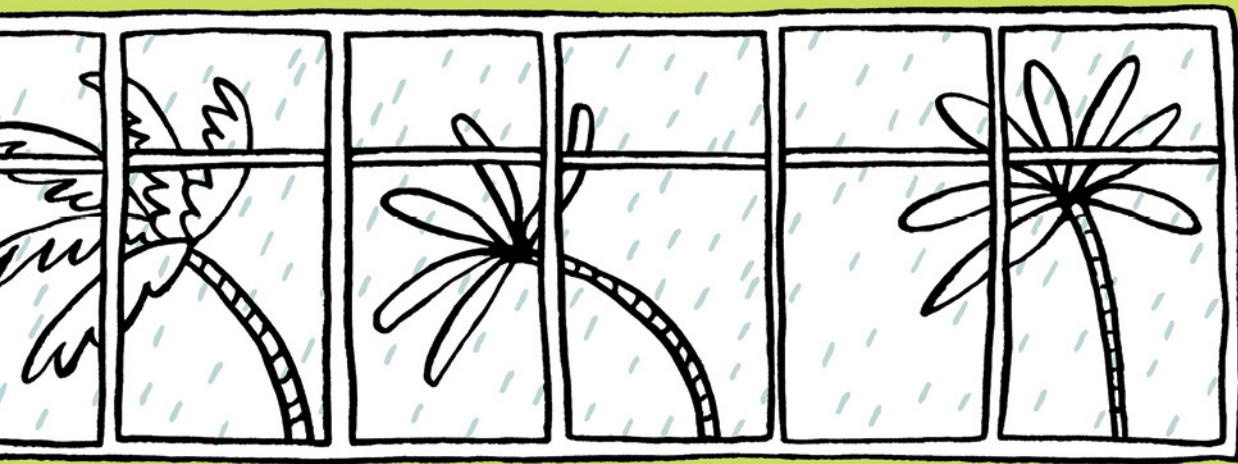
Beach Foot Volleyball was fun!



Next morning, it was raining cats and dogs.
There was a **yellow flood alert**.

COPE packed their **flood survival bags**.





COPE went from village to village ... to shopping malls, markets and beaches.



Selamat Petang! Hello!

We're here to get you

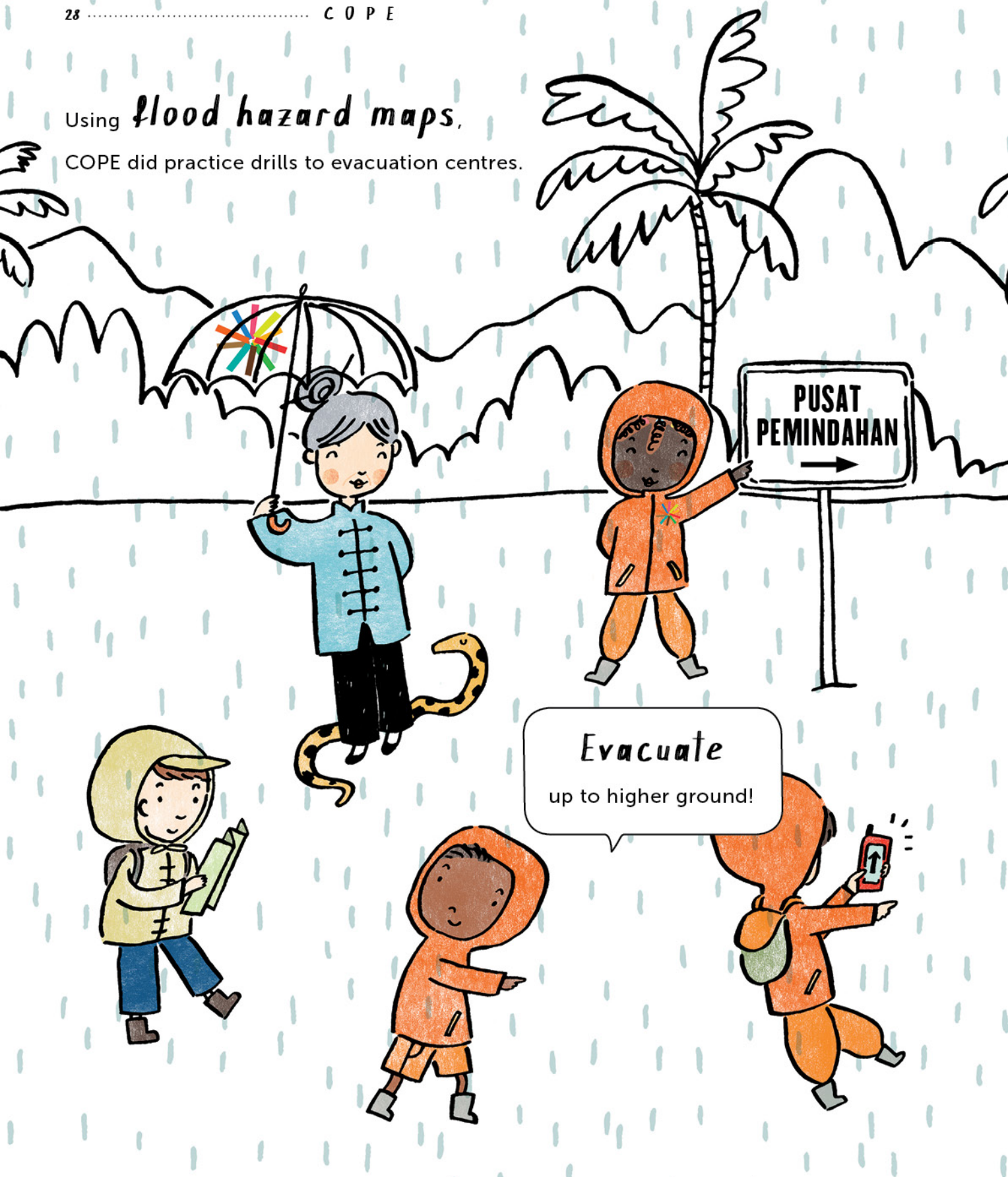
ready for floods.

Listen up!





Using *flood hazard maps*,
COPE did practice drills to evacuation centres.





COPE taught children not to play with
or drink flood water.



Meanwhile the rain kept
bucketing down. There was an
orange flood alert.

Moving water could
knock you off your feet.



COPE became famous. COPE badges
were all the rage.



COPE Champions are cool!



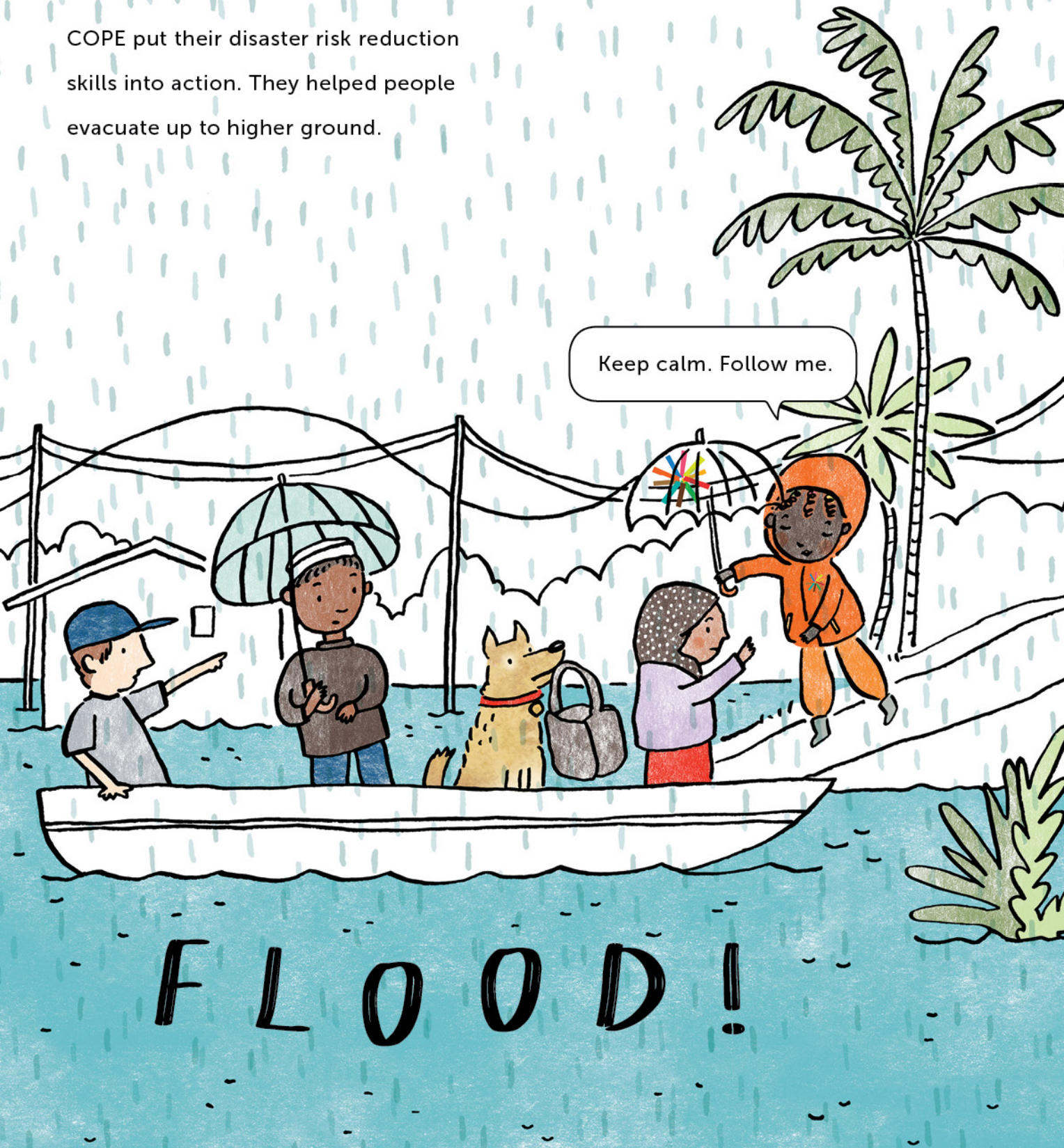
The rain did not stop. On the fifth day
there was a *red flood alert*.

Sense started acting strange.



A super moon caused tides to rise.
Then came the news that the banks
of the Kelantan River had burst.

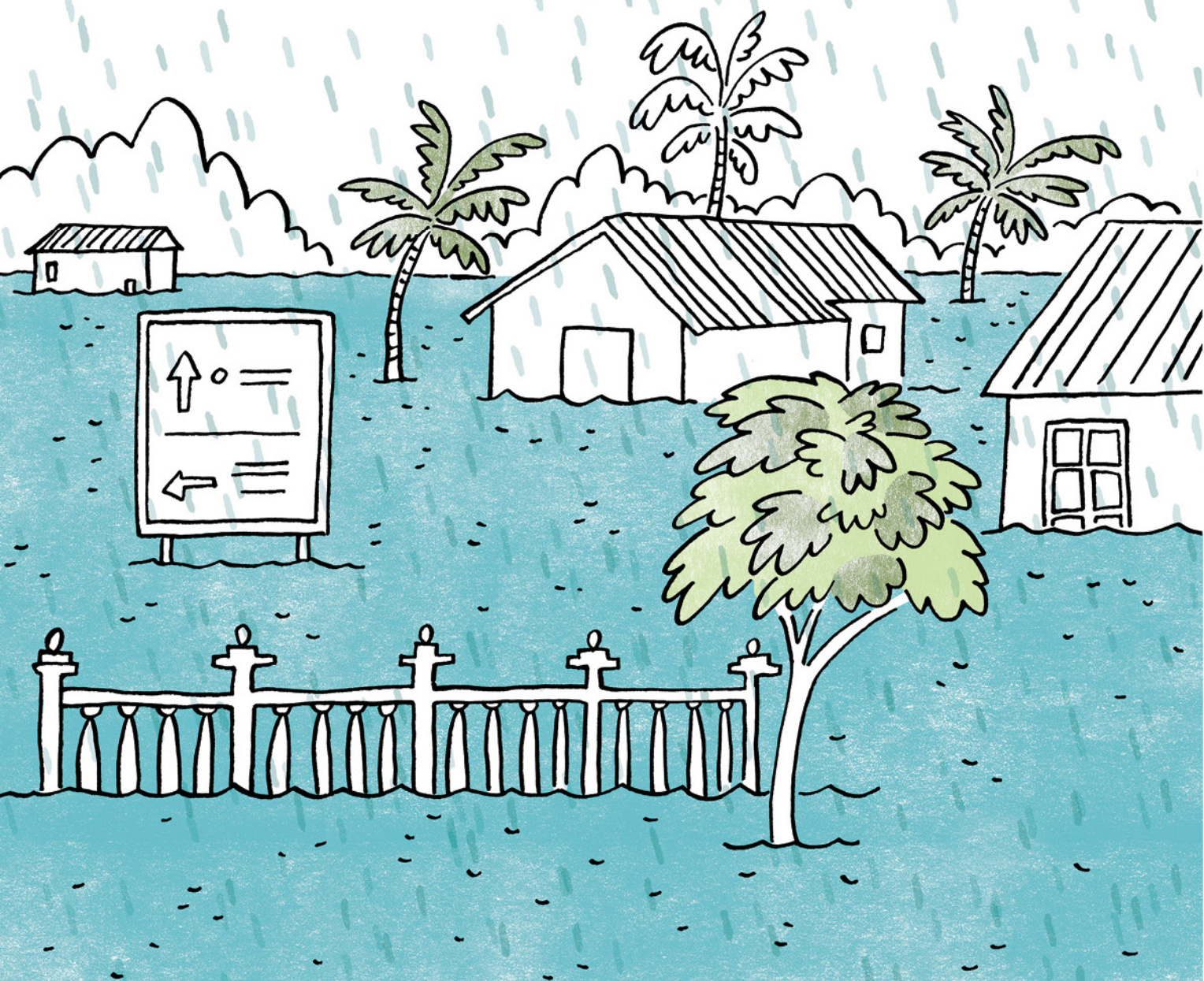
COPE put their disaster risk reduction skills into action. They helped people evacuate up to higher ground.





The paddy fields flooded. Roads closed.
Shops shut. The football stadium filled
with water.

Muddy water swept through the streets of Kelantan
and became known as the *Big Yellow Flood*.



COPE paid special attention to those in need.

Candy – pregnant women and children.



Ollie – the elderly and the disabled.



Ping – migrants and tourists.



Eddy – those living in poverty.



Ping heard a cry. There was a 12 year old girl named Nor.

You must leave now.
The water level is 50 cm and
rising ... quickly.

But I have lost my
tortoise, George.



They searched high and low for George.

There he is!

Hooray!

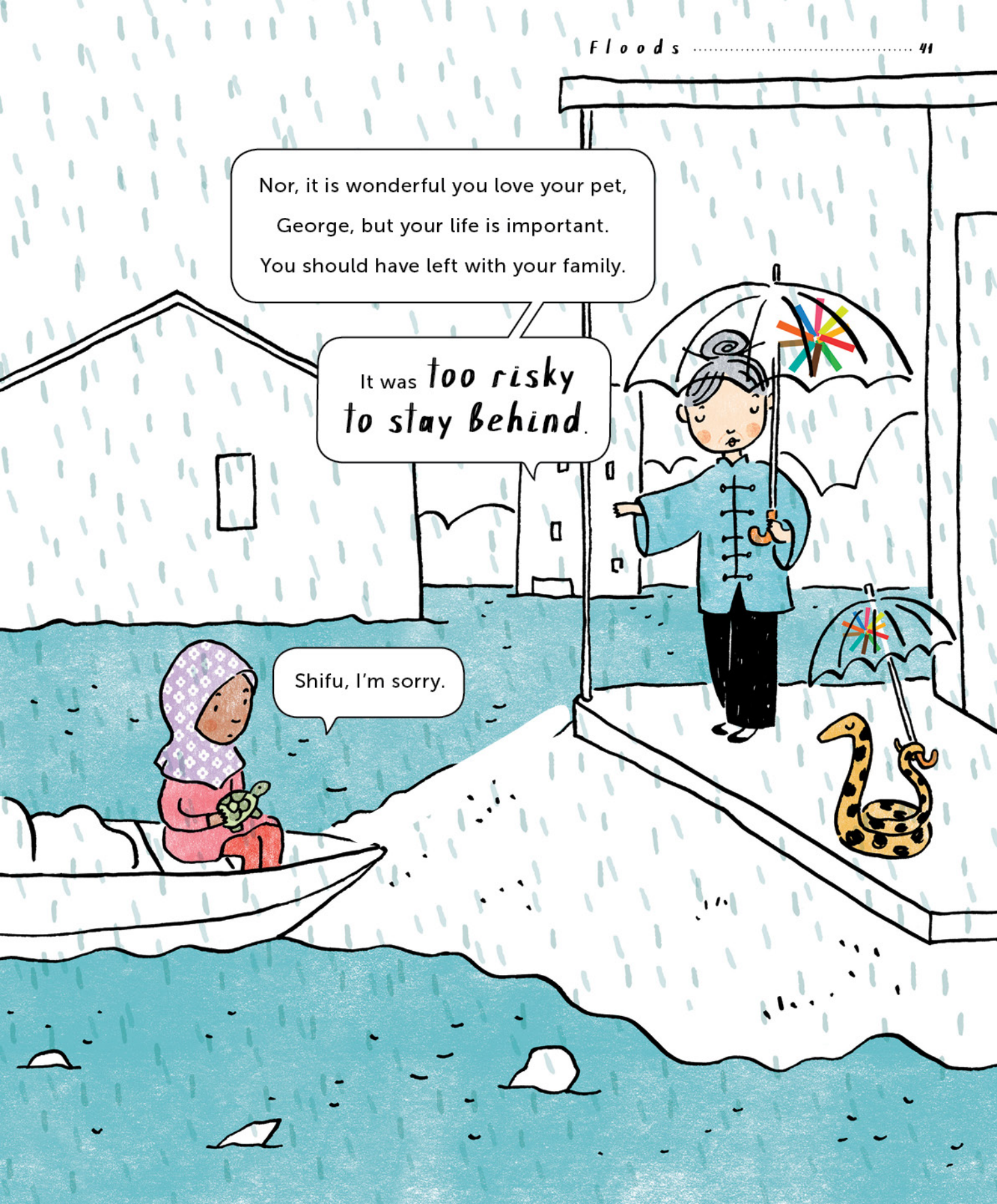
Woof, woof, woof.

Sure enough, in the roots of a banyan tree was George.



The flood water was now above their ankles. It was
too dangerous to walk. Ping and
Nor were taken in a boat to the village hall.





Nor, it is wonderful you love your pet,
George, but your life is important.
You should have left with your family.

It was *too risky*
to stay behind.

Shifu, I'm sorry.

Families were given first aid, blankets, water and snacks. Some moved into tents until it was safe to go back home.





COPE helped with the post flood reconstruction.
They pumped out water, shovelled away mud,
cleaned up houses and gave dry clothes.





It had been the worst flood in the history of Kelantan and would take years to recover. COPE were sad when they had to leave.



Grand Mistress Fu was proud of COPE. They had worked hard as a team to make a difference.



The snow glistened as they
landed back on Mount Emei.

COPE, we are home, over.



THE COPE CONTRIBUTORS



**Martha
Keswick**

**COPE
AUTHOR**

Martha Keswick is the author of the popular bilingual *Max and Mei* picture book series, the factual *Zhongguo Mingren* Series about famous people of China and the action-packed *Pangu* comic book series. Martha's work for the Keswick Foundation often supports disaster related projects in China.

Martha lives in Hong Kong with her husband, their four children and two dogs.



**Mariko
Jesse**

**COPE
ILLUSTRATOR**

Mariko Jesse studied at Central St Martins, where she went on to be an Associate Lecturer. She is an acclaimed freelance illustrator, working on a variety of projects around the world from picture books to ceramics.

Mariko lives in California where she is always in a state of preparedness for earthquakes.



**Timothy
Sim**

**COPE
EDITOR**

Dr Timothy Sim is an Associate Professor in the Department of Applied Social Sciences at The Hong Kong Polytechnic University. Tim started out as a social worker, specialising in family therapy, and now focus on disaster risk reduction, writing many books in both Chinese and English.

Tim lives in Hong Kong and works with people from all over the world researching disaster preparedness.



Floods speaks to young children in a language they can easily understand, highlighting important points for flood preparedness. Highly relevant for many Asian countries that are exposed to flood risk every year.

— ASSOCIATE PROF DR SHALIMAR ABDULLAH
Vice President III, MERCY Malaysia

Floods is a fantastic addition to the COPE Series. It provides practical 'what to do' guidance for before, during and after a flood event in simple language and animated pictures. Well done. Put a copy in each school.

— PROFESSOR LENA DOMINELLI
Faculty of Social Sciences, Stirling University, UK

Floods is not just a fine children's book, but essential reading for coastal communities – crucial information is given in a simple, clear language, with whimsical drawings and an attractive format. Well done, all concerned!

— NURY VITTACHI
Journalist and Author, Hong Kong

The COPE series take a difficult subject and present it in a way that young children can easily understand. Although set in Kelantan State, Malaysia floods, the information is truly global. The unique artistry and bright colours add another child-appealing dimension.

— ASSOCIATE PROFESSOR CARYN WEST
Nursing, Midwifery and Nutrition, James Cook University, Australia

COPE Academy, Sichuan Province.

Under Grand Mistress Fu, the COPE squad undergoes intensive training on natural disasters and how to be prepared. Join their Floods mission to Kelantan State, Malaysia where they actually have to put their disaster risk reduction skills into action.



www.cope-disaster-champions.com

- ☐ Earthquakes
- ☒ **Floods**
- ☐ Cyclones
- ☐ Landslides
- ☐ Storm Surges
- ☐ Droughts
- ☐ Tsunamis
- ☐ Wildfires
- ☐ Heatwaves
- ☐ Volcanoes

COPE TITLES



COPE

.....
*Make the Difference.
Be Ready!*