

**It is predicted that
there is a 70 percent possibility
of an earthquake
directly hitting Tokyo
within the next 30 years.
Are you prepared?**

Let's Get Prepared.

What if an earthquake hits Tokyo now? What will you do in this instant when our city undergoes a drastic change? If you are at home; if you are in the subway; if it's the middle of winter; if it's in the middle of the night; if you are alone; if you are with someone who needs to be protected... What will you do?

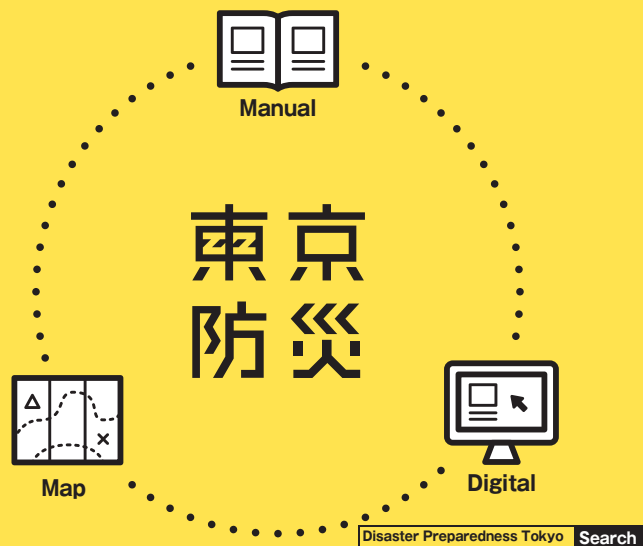


Take this time to imagine the situation; to gain proper knowledge; to prepare stockpiles; to discuss what to do with your family and neighbors... Each effort you take to prepare will help protect you. We can fight disasters. So, let's get prepared and do everything to protect ourselves.

東京防災

What is “Disaster Preparedness Tokyo”?

Various disaster risks lurk in Tokyo. “Disaster Preparedness Tokyo” is a Tokyo-style disaster preparedness manual that is tailored to the various local features of Tokyo, its urban structure, and the lifestyles of its residents. This manual does not just provide you with knowledge of disaster preparedness, but also contains many specific disaster preparedness actions you can start taking immediately. Use this along with the digital version and the Tokyo Preparedness Map to protect yourself from a disaster.



Bosai the Rhino



The Disaster Preparedness Tokyo character is Bosai the Rhino. “Bosai” is Japanese for disaster preparedness and its second syllable, “sai,” has the same sound as the word for rhinoceros. Bosai the Rhino is a 3-year-old rhinoceros born and raised in Tokyo. He is a very curious little guy, but is easily frightened. He’s very interested in disaster preparedness and finds any kind of disaster prevention action to be a piece of cake. His favorite action is “hiding under a desk,” and his favorite phrase is “Let’s get prepared!”

Contents

Prologue

▲ “Do Now” mark

Introduction	003	Contents	007
Let’s Get Prepared	004	▲ “Let’s Prepare Now” Symbol Mark: Do Now	012
What Is “Disaster Preparedness Tokyo”?	006		

01 Simulation of a Major Earthquake 014



What would you do if a major earthquake strikes Tokyo now? This chapter provides simulations of what to do from the moment an earthquake occurs to your evacuation and reconstruction of your life. Now imagine yourself in these situations.

Earthquake!

The Moment an Earthquake Strikes	016
----------------------------------	-----

Immediately After

Immediately after the Earthquake	018	Dangers Away from Home	026
Dangers at Home	020	Things Not to Do When an Earthquake Occurs	038

Evacuation

▲ Evacuation Flow Chart	040	Check Points for Safe Evacuation	048
Decision to Evacuate	042	Helping Each Other	052
What to Do before Evacuating	046		

Evacuation Life

Staying at Home	054	The Dos and Don’ts at an Evacuation Center	060
Evacuation Center	056	Consideration toward People Who Need Special Care	066
Guide to Evacuation Life	058		

Rebuilding Your Life

Returning to Daily Life	068	Starting to Rebuild Your Life	070
-------------------------	-----	-------------------------------	-----



02 Let's Get Prepared: Disaster Preparedness Actions 080

We have compiled things you can do now to prepare for a disaster. Thorough preparations will protect you and your loved ones in the event of the disaster. Let's get prepared now.



Four Preparations to Do Now

Stockpiles

▲ Stockpiling Goods	084	▲ Emergency Bag	090
▲ Essential Stockpile Items	086	Daily Stockpiles	092
▲ Household Stockpile List	088		

Preparing Inside the Home

▲ Preparing Inside the Home	094	▲ Seismic Retrofitting	106
▲ Furniture Stabilization Measures	096	▲ Fire Prevention Measures	109
Stabilizing Devices	098	▲ Checking Electricity, Gas, and Water Supply	112
▲ Furniture Stabilizing Checklist	100	Earthquake-Resistant Shelters	113

Preparing Outside the Home

▲ Learning about Your Neighborhood	114	▲ Places Safe from Fire	120
▲ Know Your Community's Earthquake Risk	118	Disaster Prevention Parks	121

Communication

▲ Prepare through Communication	122	▲ Fire and Disaster Drills	130
▲ Community Networking	124	Citizens Disaster Response Team	136
▲ Disaster Preparedness in Apartment Buildings	126	Volunteer Fire Corps	139
▲ Disaster Preparedness Measures at Work	128	Disaster Map Exercises	140
▲ Confirm Safety and Collect Information		Disaster Preparedness Quiz	141

03 Other Disasters and Countermeasures 142

Earthquakes are not the only disasters that can strike Tokyo. We have compiled knowledge on the various risks that lurk in Tokyo and measures to deal with them. Learn about them now.



Heavy Rain and Storms	144	▲ Volcanic Eruptions	160
Torrential Rain	150	Terrorist and Armed Attacks	164
▲ Sediment Disasters	152	Infectious Diseases	168
Lightning	154	Tokyo's Active Volcanoes	172
Tornadoes	156	Disaster Preparedness Quiz	173
Heavy Snow	158		

04 Survival Tips 174

This chapter provides various types of knowledge and ingenuity that will be useful when a disaster occurs, and we use illustrations to explain them in an easy-to-understand manner. Why not also hold a workshop as explained at the end of the chapter?



Emergency

Cardiopulmonary Resuscitation (CPR)	176	How to Use the Fire Extinguisher	188
Stop Bleeding	178	How to Use the Indoor Fire Hose	189
First-Aid for Fractures and Sprains	180	How to Use the Standpipe	190
First-Aid for Cuts	181	How to Use the Portable Fire Pump	191
First-Aid for Burns	182	Warm Yourself with Newspapers	192
Lighten the Burden of the Injured and Ill	183	Adjust Your Body Temperature	194
Safely Positioning the Injured or Ill	184	Protect Your Feet	196
Transporting the Injured or Ill	186	Prevent Dehydration	197
Bandage Substitutes	187		



Sanitation

How to Store Water	198	How to Make Emergency Diapers	202
How to Carry Water	199	How to Make a Cloth Sanitary Napkin	203
How to Use the Toilet When Water Supply Is Cut Off	200	Keep Clean with Little Water	204
How to Make an Emergency Toilet	201	Make a Fly Trap	205

Life

How to Make an Emergency Lantern	206	How to Make a Bed	214
Change the Size of the Battery	207	How to Make Cushions and Pillows	215
How to Make Plates and Eating Utensils	208	How to Tie Ropes	216
How to Make an Emergency Cooking Stove	210	Exercises for Evacuation Life	218
Making Partitions	212	Children Playing	220
How to Make a Knapsack	213	Good Ways to Use Everyday Items	222

Confirm Safety

Disaster Emergency Message Dial	226	Disaster Message Board	227
---------------------------------	-----	------------------------	-----

Workshop

▲ Take Action to Get Your Family Prepared	228	▲ Hold a Community Event to Prepare for a Disaster	232
---	-----	--	-----

05 Disaster Facts and Information 236 You Should Know

This Chapter provides a variety of information on disasters and disaster prevention. You should keep the information in mind to enhance your disaster preparedness.



Knowledge

Knowledge of Earthquakes	238	Various Types of Weather Information	248
Knowledge of Tsunami	243	Past Large-scale Disasters	250
Knowledge of Typhoons and Heavy Rain	244		

Document

Life Reconstruction Support Systems and Procedures	253	Support for Dairy Life	260
--	-----	------------------------	-----

First Aid in Emergency	262	Disaster Volunteers	266
------------------------	-----	---------------------	-----

Information

Emergency Contacts	268	Symbols for People Who Need Special Care in an Emergency	276
Inquiries about Disaster Prevention	269	Combined Risk with Consideration of Disaster Activity Difficulty	278
Disaster Response Yellow Pages	270	Traffic Regulations in Case of Great Earthquakes	280
Pictograms Legend	274	Tokyo Compared with Rest of Japan	284
A Day in Tokyo	282	ENGLISH FOR EMERGENCY 非常時に使える英会話	288
LET'S GET PREPARED ! 外国人向け今やろう	286		

Safety Instructions

▲ Get Your Family Involved!	292	▲ Family's Information	295
▲ Your Information	294	Memo	299

Index

Index of Glossary Terms	308	Index by Location	320
Index by Household Composition	318		

Production notes

323

Manga TOKYO“X”DAY by Kaiji Kawaguchi

This original manga comic vividly describes how Tokyo would be like just before and immediately after a major earthquake. Imagine yourself in these situations and take actions to be prepared.



“Let’s Prepare Now” Symbol Mark: Do Now

In this manual we have added the “Do Now” mark to pages introducing disaster preparedness actions that can be implemented right away. Make it a point to first confirm the contents of pages containing this mark and carry out those actions. Here, we list 10 particularly important actions to take. Let’s prepare now!



☐ **Start stockpiling**

→ p. 85



☐ **Prepare an emergency bag**

→ p. 90



☐ **Prevent furniture, etc. from falling over**

→ pp. 100, 102



☐ **Check for seismic resistance**

→ p. 107



☐ **Confirm where to evacuate**

→ p. 115



☐ **Hold a family meeting**

→ p. 122



☐ **Keep valuables together**

→ p. 91



☐ **Confirm the safety of your rooms**

→ p. 95



☐ **Sign up for disaster information services**

→ p. 128



☐ **Participate in fire and disaster drills**

→ p. 130

