


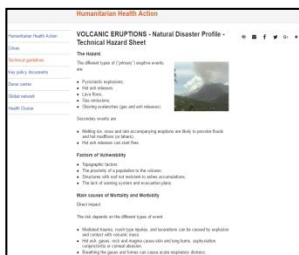





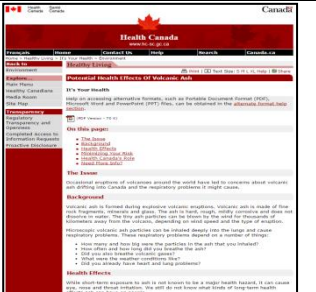



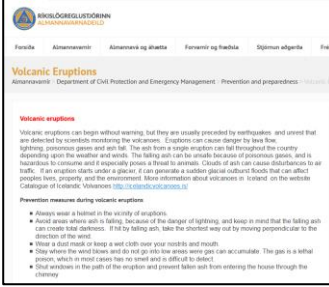

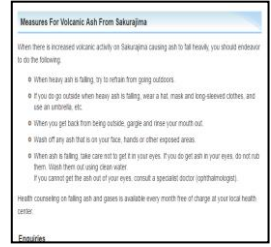


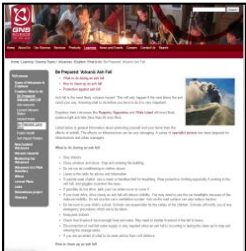






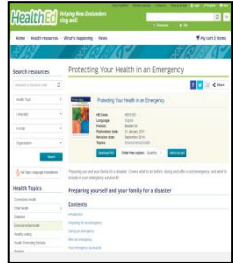
Official advice							
Country	Agency	Language	Type of product	URL link	Product image	Information	
Websites							
	PAHO	Spanish	Website	http://www1.paho.org/spanish/ped/te_volc.htm		Health risks and what to do	
	PAHO	English version of above	Website	http://www1.paho.org/english/dd/ped/te_volc.htm		Health risks and what to do	
	PAHO	English	Website	http://www.paho.org/hq/index.php?option=com_content&view=article&id=8194%3A2013-los-impactos-salud-asociados-cenizas-volcanes&catid=4716%3Ageneral&Itemid=39797&lang=en		Health implications	
	WHO	English	Website	http://www.who.int/hac/techguidance/ems/volcanos/en/		Guidelines and mitigation measures	





	USGS (United States Geological Society) and the Volcanic Ashfall Impacts Working Group	English	Website	https://volcanoes.usgs.gov/volcanic_ash/about_us.html		General guidance for the public including adapted IVHHN guidelines
Argentina	Government of the province of Neuquen	Spanish	Website	http://www.saludneuquen.gob.ar/cenizas-volcanicas/		Home page for a range of posters
Argentina	Ministry of Health	Spanish	Website	http://salud.mendoza.gov.ar/medidas-de-proteccion-frente-a-la-ceniza-volcanica-3/		General guidance for the public
Argentina	Chubut province, Ministerio de Gobierno, Direccion General de Defensa Civil/Municipalidad de Comodoro Rivadavia	Spanish	Website	http://www.comodoro.gov.ar/?p=18966		General guidance for the public




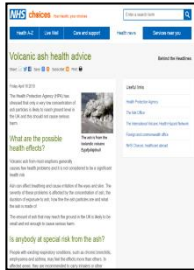
Canada	Health Canada (government department)	French	Website	http://www.hc-sc.gc.ca/hl-vs/iyh-vsv/environ/volcan-fra.php#re		How to reduce the risks
Canada	Health Canada (government department)	English	Website	http://www.hc-sc.gc.ca/hl-vs/iyh-vsv/environ/volcan-eng.php		How to reduce the risks
Costa Rica	CNE (Comisión Nacional de Prevención de Riesgos y Atención de Emergencias)	Spanish	Website	https://www.cne.go.cr/index.php/gestireventiva-la-instituci40/36-educacion-y-asesoria/83-erupcion		General guidance for the public
Guatemala	Ministry of Public Health and Social Assistance	Spanish	Website	http://www.mspas.gov.gt/index.php/noticias/noticias-mspas/item/41-actividad-volcan-santiaguito		General guidance for the public (following eruption of Santiaguito volcano)
Greece	Ministry of Interior, General Secretariat for Civil Protection	English	Website	http://civilprotection.gr/en/volcanic-eruptions		General guidance for the public





						
Iceland	Department of Civil Protection and Emergency Management	Icelandic	Website	http://www.almannavarnir.is/english/preventive-measures/volcanic-eruption/		General guidance for the public
Italy	Civil Protection Department	Italian	Website	http://www.protezionecivile.gov.it/jcms/it/view_cosafare_volcanico.wp?contentId=APP14692		General guidance for the public
Japan	Kagoshima City government site	English	Website	http://www.city.kagoshima.lg.jp/soumu/shichoshitu/kokusai/en/health/health-system.html (scroll down to find the section entitled 'Measures For Volcanic Ash From Sakurajima')		General guidance for the public in relation to Sakurajima volcano
Mexico	Municipal government of Puebla and Department of Civil Protection	Spanish	Website	http://pueblacapital.gob.mx/proteccion-civil/130-proteccion-civil/1389-recomendaciones-en-caso-de-caida-de-ceniza-volcanica		Recommendations

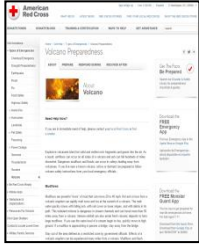
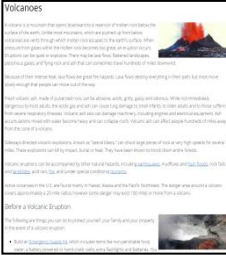


						
Mexico	Municipal government of Atlixco and Department of Civil Protection	Spanish	Website	http://atlixco.gob.mx/noticias/%C2%BFque-hacer-en-caso-de-caida-de-ceniza-volcanica		General guidance for the public
New Zealand	GNS Science	English	Website	https://www.gns.cri.nz/Home/Learning/Science-Topics/Volcanoes/Eruption-What-to-Be-Prepared-Volcanic-Ash-Fall		General guidance for the public – Be prepared
New Zealand	Ministry of Health	English	Website	https://www.health.govt.nz/your-health/healthy-living/emergency-management/protecting-your-health-emergency/keeping-safe-volcanic-ash		Keeping safe from volcanic ash
New Zealand	Earthquake Commission	English	Website	http://www.eqc.govt.nz/be-prepared/volcanic-eruption		Being prepared




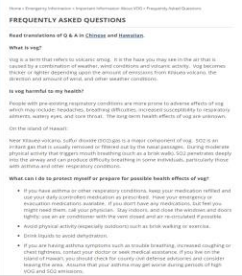
						
New Zealand	GetThru website on behalf of the government of New Zealand, Ministry of Civil Defence and Emergency Management	English	Website	http://www.getthru.govt.nz/disasters/volcano/		General guidance for the public
New Zealand	Gisborne District Council	English	Website	http://www.gdc.govt.nz/volcanic-ash-fall-information/		General guidance for the public
New Zealand	HealthEd (government of New Zealand)	English	Website	https://www.healthed.govt.nz/resource/protecting-your-health-emergency		Protecting your health in an emergency
New Zealand	Hawke's Bay Emergency Management Group	English	Website	http://www.cdemhawkesbay.govt.nz/hazards/volcanic		Volcanic hazard information

						
New Zealand	Waikato Region Emergency Management Group	English	Website	http://www.waikatoregioncdemg.govt.nz/Information-Resources/Hazards/Volcanic-eruption/		General guidance for the public
New Zealand	Taupo District Council	English	Website	http://www.taupodc.govt.nz/our-services/Civil-defence-and-emergency/ruapehu-volcanic-activity/Pages/Ruapehu-and-Tongariro-volcanic-activity.aspx		General guidance for the public on Ruapehu and Tongariro volcanic activity
New Zealand	Auckland Council, Civil Defence and Emergency Management	English	Website	http://www.aucklandcivildefence.org.nz/get-ready/what-to-do-in-a-sudden-onset-emergency/#Eruption		General guidance for the public re what to do in case of a volcanic eruption
Singapore	National Environment Agency	English	Website	http://www.nea.gov.sg/weather-climate/warning-advisories/volcanic-ash/faqs-on-volcanic-ash		Frequently asked questions about volcanic ash

						
Singapore	Ministry of Health	English	Website	https://www.moh.gov.sg/content/moh_web/home/pressRoom/Current_Issues/2014/volcanic-ash/faqs-on-volcanic-ash0.html		Frequently asked questions about volcanic ash
Singapore	Ministry of Health	English	Website	https://www.moh.gov.sg/content/moh_web/home/pressRoom/Current_Issues/2014/haze/faq--use-of-masks-and-availability-of-masks.html		Use of masks and availability of masks
UK	NHS Choices	English	Website	http://www.nhs.uk/news/2010/04April/Pages/volcano-health.aspx		Health advice
USA	American Lung Association	English	Website	http://www.lung.org/our-initiatives/healthy-air/outdoor/emergencies-and-natural-disasters/volcanic-ash.html		How to protect your lungs from volcanic ash




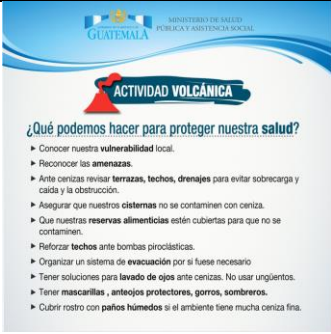
						
USA	CDC (Centres for Disease Control and Prevention)	English	Website	https://www.cdc.gov/disasters/volcanoes/before.html		Key facts about preparing for a volcanic eruption
USA	CDC (Centres for Disease Control and Prevention)	English	Website	https://www.cdc.gov/disasters/volcanoes/during.html		Key facts about protecting yourself during a volcanic eruption
USA	CDC (Centres for Disease Control and Prevention)	English	Website	https://www.cdc.gov/disasters/volcanoes/after.html		Key facts about protecting yourself after a volcanic eruption




USA	American Red Cross	English	Website	http://www.redcross.org/prepare/disaster/volcano		Volcano preparedness
USA	Department of Homeland Security	English	Website	https://www.ready.gov/volcanoes		General guidance for the public
USA	Washington State Department of Health	English	Website	http://www.doh.wa.gov/Emergencies/EmergencyPreparednessandResponse/Factsheets/Volcanoes		General guidance for the public
USA	Alaska Volcano Observatory	English	Website	https://www.avo.alaska.edu/ash/todo.html		General guidance for the public

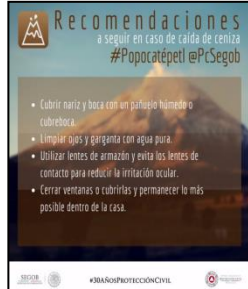
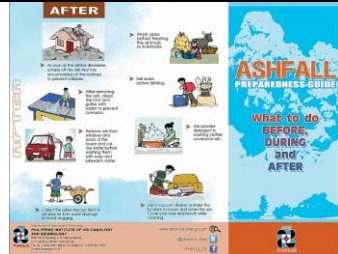
USA	Municipality of Anchorage	English	Website	http://www.muni.org/departments/oem/prepared/pages/volcanicash.aspx		Volcanic ash preparedness
USA	State of Alaska, Division of Air Quality	English	Website	https://dec.alaska.gov/air/volcano.htm		General guidance for the public
USA	Californian Government, Seismic Safety Commission (information supplied by the American Red Cross)	English	Website	http://www.seismic.ca.gov/VolcanoWhat2Do.html		General guidance for the public
USA	Hawaiian Government, Lt. Governor of the State of Hawaii, Shan S. Tsutsui	English	Website	http://ltgov.hawaii.gov/emergency-information/important-information-about-vog/frequently-asked-questions/		Frequently asked questions about vog (volcanic smog)

Posters/infographics


<p>Argentina</p>	<p>Government of the province of Neuquen</p>	<p>Spanish</p>	<p>Poster</p>	<p>http://www.saludneuquen.gob.ar/wp-content/uploads/2015/04/afiche-usa-pa%C3%B1uelo-o-trapo-h%C3%BAmedo-ante-la-presencia-de-cenizas.jpg</p>		<p>Advice to wear a mask</p>
<p>Argentina</p>	<p>Chubut province, Ministerio de Gobierno, Direccion General de Defensa Civil/Municipalidad de Comodoro Rivadavia</p>	<p>Spanish</p>	<p>Poster</p>	<p>http://www.comodoro.gov.ar/wp-content/uploads/2015/04/ceniza.jpg</p>		<p>General guidance for the public</p>
<p>Argentina</p>	<p>OSPE (Obra Social de Petroleros)</p>	<p>Spanish</p>	<p>Poster</p>	<p>http://www.ospesalud.com.ar/wp-content/uploads/2015/04/volcan.png</p>		<p>Health advice relating to the Calbuco volcano</p>


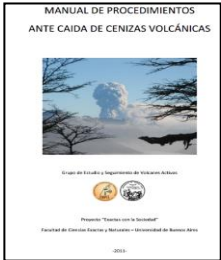
Costa Rica	CNE (Comisión Nacional de Prevención de Riesgos y Atención de Emergencias)	Spanish	Poster	https://www.cne.go.cr/images/stories/img_art/Educacion/AFICHE-VOLCANES.jpg		Be prepared
Ecuador	Secretaria de Seguridad, Coe Metropolitano y Hospital Eugenio Espejo/El Comercio	Spanish	Poster	http://www.elcomercio.com/files/content_thumbnail/uploads/2015/10/04/5611b5239f361.jpeg		Effect of ash particles on human beings and what to do (related to Cotopaxi volcano)
Ecuador	Secretaria de Seguridad, Coe Metropolitano y Hospital Eugenio Espejo/Infografia JA/El Comercio	Spanish	Poster	http://www.elcomercio.com/files/content_thumbnail/uploads/2015/10/04/5611b6478503b.jpeg		Effect of ash particles on buildings, pets and cars and what to do (related to Cotopaxi volcano)
Guatemala	Ministry of Public Health and Social Assistance	Spanish	Poster	https://www.scoopnest.com/es/user/prensa_libre/765922946640670720 (note that poster couldn't be found on agency's own website)		General guidance for the public

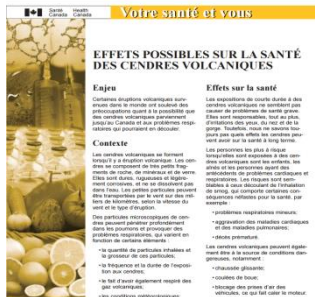

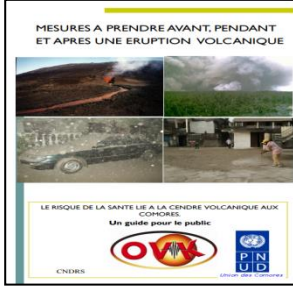

Mexico	CENAPRED (Centro Nacional de Prevención de Desastres), IVHHN pamphlet (IVHHN in conjunction with the Cities and Volcanoes Commission, GNS Science, USGS and the IAVCEI (International Association of Volcanology and Chemistry of the Earth's Interior)	Spanish	Poster	http://www.gob.mx/segob/articulos/consulta-informacion-relevante-sobre-el-volcan-de-colima-e-identifica-las-zonas-de-peligro		Short- and long-term effects on the body and what to do
Mexico	CENAPRED (Centro Nacional de Prevención de Desastres)	Spanish	Poster	http://revistalila.com/wp-content/uploads/2016/04/volcan.png		Recommendations
Mexico	Municipal government of Atlixco and Department of Civil Protection	Spanish	Poster	http://atlixco.gob.mx/Media/Default/Todos/Infograf%C3%ADa%20ca%C3%ADda%20de%20ceniza.jpg		General guidance for the public
Mexico	Locatel (local government office in Mexico City)	Spanish	Poster	http://438424cd093f86f0c7e0-2cd4f1b3b970cf6c05d6a60490c230b4.r88.cf2.raccdn.com/cenizapopo1_g.jpg		General guidance for the public in relation to Popocatepetl volcano


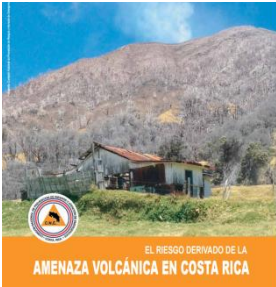
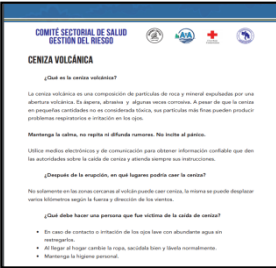

Mexico	Secretariat of the Interior and Department of Civil Protection	Spanish	Poster	https://pbs.twimg.com/media/CgVXuVnUMAEQHYS.jpg		Recommendations in relation to Popocatepeti volcano
Philippines	Philippine Institute of Volcanology & Seismology	English	Poster	http://www.phivolcs.dost.gov.ph/index.php?option=com_phocadownload&view=file&id=119:ashfall-preparedness-guide&Itemid=44		General guidance for the public

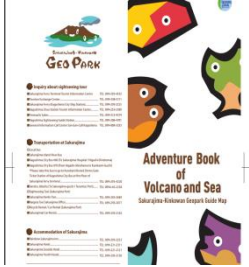


Brochures, factsheets, pamphlets, reports, guides etc.

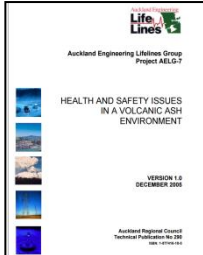
	3M	English	Bulletin	http://multimedia.3m.com/mws/media/5596290/respiratory-and-eye-protection-for-volcanic-eruptions.pdf		Advice on personal protection
	International Volcanic Health Hazard Network	Multiple languages	Pamphlets	http://www.ivhnn.org/pamphlets.html Reproduced by many countries e.g.: <ul style="list-style-type: none"> http://www.sernageomin.cl/pdf/presentaciones-geo/Guia_Danos_salud_cenizas_volcanicas.pdf 		Pamphlets on the health hazards of volcanic ash and preparedness for ashfall



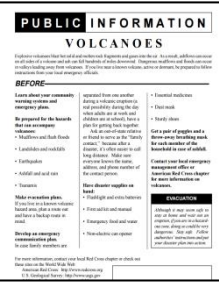

				<ul style="list-style-type: none"> • http://www.depkes.go.id/resources/download/penanganan-krisis/panduan_pencegahan_terhadap_hujan_abu_gunung_api.pdf • http://penanggulangankrisis.kemkes.go.id/panduan-pencegahan-terhadap-hujan-abu-gunung-api • http://www.cenapred.gob.mx/es/Publicaciones/archivos/208-LOSPELIGRODELASCENIZASVOLCANICASPARALASALUD.GUAPARAELPBLICO.PDF • http://www.civildefence.govt.nz/assets/Uploads/publications/volcanic-ash-health.pdf • http://www.preventionweb.net/files/2011_VL206708.pdf 		
	PAHO	Spanish	Guide	http://www.paho.org/arg/images/Gallery/Varias/Volcanes%20y%20proteccion%20de%20la%20salud.pdf?ua=1		Aimed at health personnel. To be used in conjunction with the video 'Volcanoes and protection'.
Argentina	Caselli, A. T., Vélez, M. L. and Agosto, M. R., Universidad de Buenos Aires, Facultad de Ciencias Exactas y Naturales, Grupo de Estudio y Seguimiento de Volcanes Activos	Spanish	Procedures manual	http://www.fcen.uba.ar/cenizas/Manual_Cenizas_2011.pdf		General guidance for the public

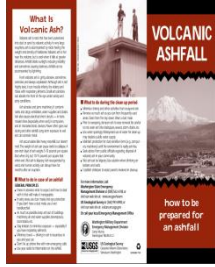

Canada	Health Canada (government department)	French	Factsheet	http://www.hc-sc.gc.ca/hl-vs/alt_formats/pacrb-dgapcr/pdf/iyh-vsv/envIRON/volcan-fra.pdf		The risks and what to do
Canada	Health Canada (government department)	English	Factsheet	http://www.hc-sc.gc.ca/hl-vs/alt_formats/pacrb-dgapcr/pdf/iyh-vsv/envIRON/volcan-eng.pdf		The risks and what to do
Comoros Islands	UNDP (United Nations Development Programme)	French	Brochure	http://www.undp.org/content/dam/comoros/docs/crise/africa-km-crise-guide%20eruption%20volcanique.pdf		A guide for the public in relation to Mt Karthala volcano
Costa Rica	CNE (Comisión Nacional de Prevención de Riesgos y Atención de Emergencias)	Spanish	Factsheet	https://www.cne.go.cr/images/stories/img_art/Prerensa/2014/VolcanTurrialba.jpg		General guidance for the public in relation to Turrialba volcano (version 1)

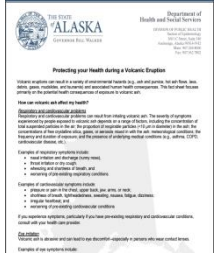


Costa Rica	CNE (Comisión Nacional de Prevención de Riesgos y Atención de Emergencias)	Spanish	Factsheet	http://www.rayscr.com/2015/03/que-hacer-en-caso-de-caida-de-ceniza.html		General guidance for the public in relation to Turrialba volcano (version 2)
Costa Rica	Comisión Nacional de Prevención de Riesgos y Atención de Emergencias and Red Sismológica Nacional (University of Costa Rica)	Spanish	Brochure	https://www.cne.go.cr/Documentos/Amenaza%20Ovolc%C3%A1nica%20en%20Costa%20Rica.pdf		Hazards of Costa Rican volcanoes
Costa Rica	Ministry of Health Costa Rica	Spanish	Factsheet	http://www.ministeriodesalud.go.cr/index.php/material-educativo/volcanes/2651-dgs-recomendaciones-en-caso-caida-ceniza-volcanica/file		General guidance for the public
Indonesia	World Health Organization and Ministry of Health (Kementerian Kesehatan)	Bahasa Indonesia	Brochure	http://penanggulangankrisis.kemkes.go.id/buku-bersahabat-dengan-gunung-berapi-untuk-anak-sekolah		General guidance for the public






Japan	Sakurajima-Kinkowan Geopark Promotion Council Office	English	Tourist guide	http://www.sakurajima.gr.jp/docs/geoguidemap_en.pdf		Guide for tourists to the Sakurajima-Kinkowan Geopark.
Japan	Japan Meteorological Agency	English	Factsheet	http://www.jma.go.jp/en/ashfall/img/ashfall_category.png		Category table of ash quantity indicating resultant effects and actions required
Mexico	Municipal government of Atlixco and Department of Civil Protection	Spanish	Factsheet	http://atlixco.gob.mx/Media/Default/PDF/Triptico%20Volcan.pdf		General guidance for the public
Mexico	Notimex (official Mexican news agency), municipal governments of Puebla and State of Mexico, Department of Civil Protection and the Red Cross	Spanish	Factsheet	https://oviedomexicosinescalas.files.wordpress.com/2014/10/popo1.jpg		How to avoid respiratory problems


New Zealand	Ministry of Business, Innovation and Employment	English	Factsheet	http://www.worksafe.govt.nz/worksafe/information-guidance/all-guidance-items/fact-sheet-health-and-safety-issues-related-to-volcanic-ash/health-safety-issues-related-to-volcanic-ash.pdf		Health and safety issues related to volcanic ash
New Zealand	HealthEd (government of New Zealand)	English	Brochure	https://www.healthed.govt.nz/system/files/resource-files/HE10163-Protecting%20Your%20Health.pdf		Protecting your health in an emergency
New Zealand	Auckland Engineering Lifelines Group	English	Factsheet	file:///C:/Users/User/Downloads/finalhealthandsafetyashreportdec05%20(1).pdf		Health and safety issues in a volcanic ash environment
New Zealand	Taupo District Council	English	Factsheet	http://www.taupodc.govt.nz/our-services/Civil-defence-and-emergency/ruapehu-volcanic-activity/Documents/Volcanic-Ash-Advice-Health.pdf		Health advice in relation to volcanic ash

New Zealand	Taupo District Council	English	Factsheet	http://www.taupodc.govt.nz/our-services/Civil-defence-and-emergency/ruapehu-volcanic-activity/Documents/Volcanic-Ash-Advice-Clean-up.pdf		Clean-up advice
USA	CDC (Centres for Disease Control and Prevention)	English	Factsheet	https://www.cdc.gov/disasters/volcanoes/pdf/du-ringruption.pdf		Key facts about protecting yourself during a volcanic eruption
USA	American Red Cross	English	Factsheet	http://www.redcross.org/images/MEDIA_CustomProductCatalog/m4340165_PublicInformationVolcanoes.pdf		General guidance for the public
USA	FEMA (Federal Emergency Management Agency)	English	Factsheet	https://www.fema.gov/media-library-data/20130726-1622-20490-0808/volcanoesfactsheet_finalrev.pdf		General guidance for the public

USA	Washington Military Department, Emergency Management Division (USGS brochure)	English	Factsheet /Brochure	http://mil.wa.gov/uploads/pdf/emergency-management/volcano/volcanic_ash_english.pdf		General guidance for the public
USA	American Preppers Network	English	Factsheet	http://americanpreppersnetwork.com/wp-content/uploads/2014/04/Volcanic-Ash-Fall-Preparedness-Checklist.pdf		Preparedness checklist
USA	Municipality of Anchorage	English	Factsheet	http://www.muni.org/Departments/OEM/Prepared/Documents/AshAlert.pdf		Ash alert!
USA	Municipality of Anchorage	English	Factsheet	http://www.muni.org/Departments/OEM/Prepared/Documents/children.pdf		Advice on protecting children

USA	State of Alaska, Department of Health and Social Services	English	Factsheet	http://dhss.alaska.gov/dph/Epi/Documents/Volcanic%20Ash%20Fact%20Sheet%204.1.16.pdf		Health advice	
USA	State of Alaska, Epidemiology Bulletin	English	Bulletin	http://dhss.alaska.gov/dph/Epi/Documents/bulletins/docs/b2006_05.pdf		Health effects associated with volcanic eruptions	
Unofficial advice							
Mexico	FOROtv	Spanish	Poster format, on web media site Scoopnest	http://www.scoopnest.com/es/user/Foro_TV/722096422447816705		Simple pictorial guidance for the public	

Mexico	YouTube, from ATLIXCONOTICIAS, channel for local information and communities in Atlixco, Puebla	Spanish	Video	https://www.youtube.com/watch?v=DCxFzg49P8c		General guidance for the public
Columbia	Online Colombian version of LaPatria.com, a newspaper published in Bolivia	Spanish	Website	http://www.lapatria.com/tenga-en-cuenta/sepa-que-hacer-ante-la-caida-de-ceniza-del-ruiz-181340		General guidance for the public in relation to the Nevado del Ruiz volcano
Mexico	From CNN, Mexico, information provided by the Secretariat of Health, Mexico	Spanish	Poster	http://vadenuez.info/wp/wp-content/uploads/2015/07/infocenizas.jpg		General guidance for the public
Costa Rica	CNE (Comisión Nacional de Prevención de Riesgos y Atención de Emergencias)	Spanish	Poster	https://icdn2.crhoy.net/w/800/h/0/q/95/png/0/c/1/s/pull.crhoy.net/wp-content/uploads/2015/03/ceniza-volcan.jpg		General guidance for the public
?	?	Spanish	Blog	https://cavist2014.wordpress.com/		General information for the public and including some specific information

						about the city of Esquel in Argentina after the eruption of Chaitén volcano
USA	National Geographic	English	Website	http://environment.nationalgeographic.com/environment/natural-disasters/volcano-safety-tips/		Safety tips