Nahual Oisouter

Anahuae dreuter is chemachenised by the abnormal intensty à a namual agent when the weal measure to be taken to prevent the damage were not able to prevent their emergence or use not able to be taken.

Wildfines occurs when regolated areas are set alight and one particularly common during hot and dry previous They can occur in porcets, grasslands, brushes and describeded with sufficient wind can stapidly spread.

Report | Journal - 1 As pu who (world Health Organ Harris)

wildfire and glen carried by human activity or a natural phenomenon such as lightning and they can happen at any hme or anywhere. In sort of wildfores seconded it is not

wildfixes can dissupt transportation, communications, power and gas resivine and water supply They also lead to a deturioration of the our quality and loss of property, isope

resources, animals and people.

wildfires affected 6.2 million people between 1998-2017 with 2400 altributable death worldwide from sufficiency, injuries and busins, but the size and frequency of wildfire are growing du to Minate Marge.

Wildfire also simultaineously impact areather and the Climate by relocing large quantities of co, con

and fine paeticulaire maller in the almosphere Resulting au pollution can cause a seage of health issues including respiratory and conditionascular problem. Another sprigicant health effect of wildfires is on mental health and psychosocial well being.

Face sheete

- * Buens
- · Climate charge and health
- . Merculy and health in Emergences.

Gurdelenes

- * Mass consulty management system :- strategies and guideling for building health sector capability.
- · Communication suisk in public health emergences A WHO guideline for Emergency Rick Communication (ERC) policy and practice.
- * Environmental health in Emergencies and drautee.

WHO global strategy on health, environment and climate Change: the transformation needed to improve live and well being sustainably through healthy environments.

Shengthening national health emergency and draftle management capacities and sussilvence of health systems.

As per Nahreal Discreters Association Caules Wildgire Ingenieal, wildgives are caused by a misthue of factors such as high temperature, drought conditions pollowing a period of regetation growth and a trigger which can be natural such as cerson. El Nino w thought to have an effect on the occurrence quildpire cases. Due to El Nino tropical wantier on the witten pacific experience a higher eight due to the enhanced duy season. In reptember 1997 Malayasia and Indonesia cure affected by major wild fires, there were bush fires in Australia in late 1997 and early 1992 and forest fire in Borneo during April 1998. where can wildfire occurs? Except for Antwicha no continent as free from the thereat of widfires. Alexhaba is the most fire-perone wuntry in the world with an average 9 2000 wildfires a year. The highest susk yones for wildfire are the Mediterranean or Continual Umale. This is due to the majority of rainfall fallers in winte 10 vegetation in very dry in the summer months. weating a greater fine wisk. The south of France is a popular holiday duhination which has a greater suck of fire due

to howest activities 5000, hectaures of forest buen annually. The USA experiences drug are much of the year, weating a long fire reason.

History

OThe Winsconsin (1871) on 8th nov 1871 the hot duy elimatic condition were pufert for wildfire ignition near the horon of Peshtigo.

As the wildfire regret the superheated are derivated the hown, along with 400,000 heateures of regetation and labeled 1500 people.

The Indonesia wildfire (1997) The burning of plantarions reged out grown to causing widepread bush land first sugged out grown a sulawesi, Borneo and Java. on the islands of sumatra, sulawesi, Borneo and Java. on the islands the more than 3000 heclower where destroyed of my believed the prove than 3000 heclower while affected on the extens 82 Nino related dry serion had an affected on the extens of the fires taused major air polushon which affected of the fires. The fires taused major air polushon which affected of the fires taused the release of 2.6 billions hon to million people and caused the release of 2.6 billions hon of complete and laused into the almosphere.

3) Victoria Wildfires (1983) Large areas q victorier and South Australia were affected by wildfire. The area expenses Classic 'wildfire weather' with temperature over 400 c combined with winds speed q 20 ms - 1.76 people died and combined with winds speed q 20 ms - 1.76 people died and soon people were made homelers.

4) Saiberian Targa Fires (2003). This is happen in Russia. Where it speed to 55 million aures. and it is known as Biggut wildfire in world history

OThe most recent wildfren happened in chile, collipornia

Resulting in one death, many injured, and more than too homes delivoyed.

In a weak we spread up to \$00 1 cms.

Journal 3. Thom the website sheller Box Source National Geographical Nildfiere are classified by the Environmental Perotection Agency However only 10-15-1. of them happen their own in nature most wildfire are coursed by human and the most common cours one unallended comp and debris pines, discarded cigarather, and alson. O Climate charge increases the occurrence and reverity of Hottee weather, a suitele q climate charge, make porert and regulation obtien and therefore more porrone to As a result, the average wildfire reason is three and a hay month longer than it was a few duades ago, and hay month longer than it was a few duades ago, and hay mumber of annual large pières in the west has As suising greenhouse gay emission are increasing denought and heat, more catastrophic wildfire are excepted in the years to come, especially with the give leason getting longer O why Dicular like wild gives one not 'NATURAL' The ferms inchual discuter, despite burg cuidely used in problematic clery the word 'notical' ignores the note that humans have in the dicuter, assuming that the event would happen anyway and there is little that we can do to perevent ut.

Factors like diving conditions and powerly, government capacity to perspare and expond as well as the process I rebuilding and how efficiency that would be are all factors that will orgine whether a disaster occur as a result of the natural hazard. tlayour are inevitable - but the impace they have on source cy not.

Townall: Us department q the Interior affairers affairers

Wildlife perevention program

9) in a Bureau of Indian Affairs (BIA) policy to deleumine the origin and cause quile wild fire occurring on Indian Lands. Fire investigations are conducted when there us potential for a wildper to respect in tort claims, trespass damage heconey, litigation or where areon in a possiblity.

* Deturnine the origin and laure quale wildgives occurring on Indian Lands and accurately secure them in the

· Reput that wildfier originaling 96 Indian Lands that everet in damages on Indicen hands are properly investigated by the jurischibonal authority.

· Conduct all wildland fine origin and cause inwingations objectively and free from any conflict of interest.

The reason for witdland fiere origin and came invertigation includes:

10 * Petureining the origin and course of wildgine

. Identifying desponsible parties. · poceementing ocen easter suppossibility for the wildpie

· Documenting cause for statistical reporting and analysis

, petersony whether there is evidence that a cerime how

been committed

· Puovidery support elocumentation when lingation is necessary

· Improving perevention program planning.

Human V/s Nanceal Occurry wildfiere In India country, auson and debris burning one the leading course quildpières in avois where vegetation integaces with cuban structures. On average, human causes witdfiere account for 80% of all wildfieres that occur in Indian Country every year. Due to they proximited to homes and other commany tuprastructure, they also destroyed nearly 190 structures annually. Wildpires are taligorised into one g nine general causes classer. Each general course contains a subset calegory "specific caucie" that putter defines the ignition source of

the prie

Nahually occurance wildgive are most frequently caused by lightening. There are also volcance, meteor and local stram fines, depend on circumstances.

Human (auced wildpie can be accidental intentional (auson) or from an aid of negligence.

Journals , How wildlife work from the website how shift works

A specie or even the sun's head alone set of an inferio. The wildfree quickly speeds, consuming the three, devied - our vegetation and almost everything also in the in pouts. What was once a forest becomes a virtual powelle lier à metapped fuel. In a seemingles instantaneous burst, the wildfiere overlaker thousands of acres of surrounding land, thereating the homes and living of many in the

An average 9 5 millions acres bluns every year in the Us Couring million of dollars in damage. Once a fisie begins ut can speed as a rate of up to 14.29 miles pu how how consuming everything in its path. As a give specades over brush and trees, it may take on a life quitown-finding ways to keep theelf alive, even spawning smaller freier by thero coing embers miles away.

Common cause for wildspère includer.

- * Arson
- * Campgières
- · Discouding lit cigarettes · Improperly burny debus
- · Playing with matches / fireworks
- * Presieubed gières.

Everything has a temperature at which it will burst into flames. This tempualure is called a material is plash point. Cood's flash point in 572°F (300c)

There are 3 components needed for ignition and combustion to occur. A fine sequest fuel to blurn, and to supply orlygen and a heat source to bring the fuel up to ignition temperature. Heat, orlygen and fuel form the fine brangle.

There are service factors their delamines how the fine specale. These there partors include fuel, weather and topography. Depending on these factors, a fine can quickly fight or them into a rigging blaze that storches thousand of acres.

The third big influence on wildgine behaviour in the lay.

If the land or hopography. Although it hemains virtually unchanged, unlike fuel and weather, hopography can either aid or hindre wildgine progression. The most important pully in hopography as it helater to wildgine important pully in hopography as it helater to wildgine as alope.