

**DOCKETED**

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*Comment Received From: Cathleen Pryor  
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## **Chimney effect during a wildfire**

There is a chimney effect (firefighter's term) which quickly spreads a wildfire up a hillside. This is the problem we are facing. This from an article in the Los Angeles Times. Here is the link:

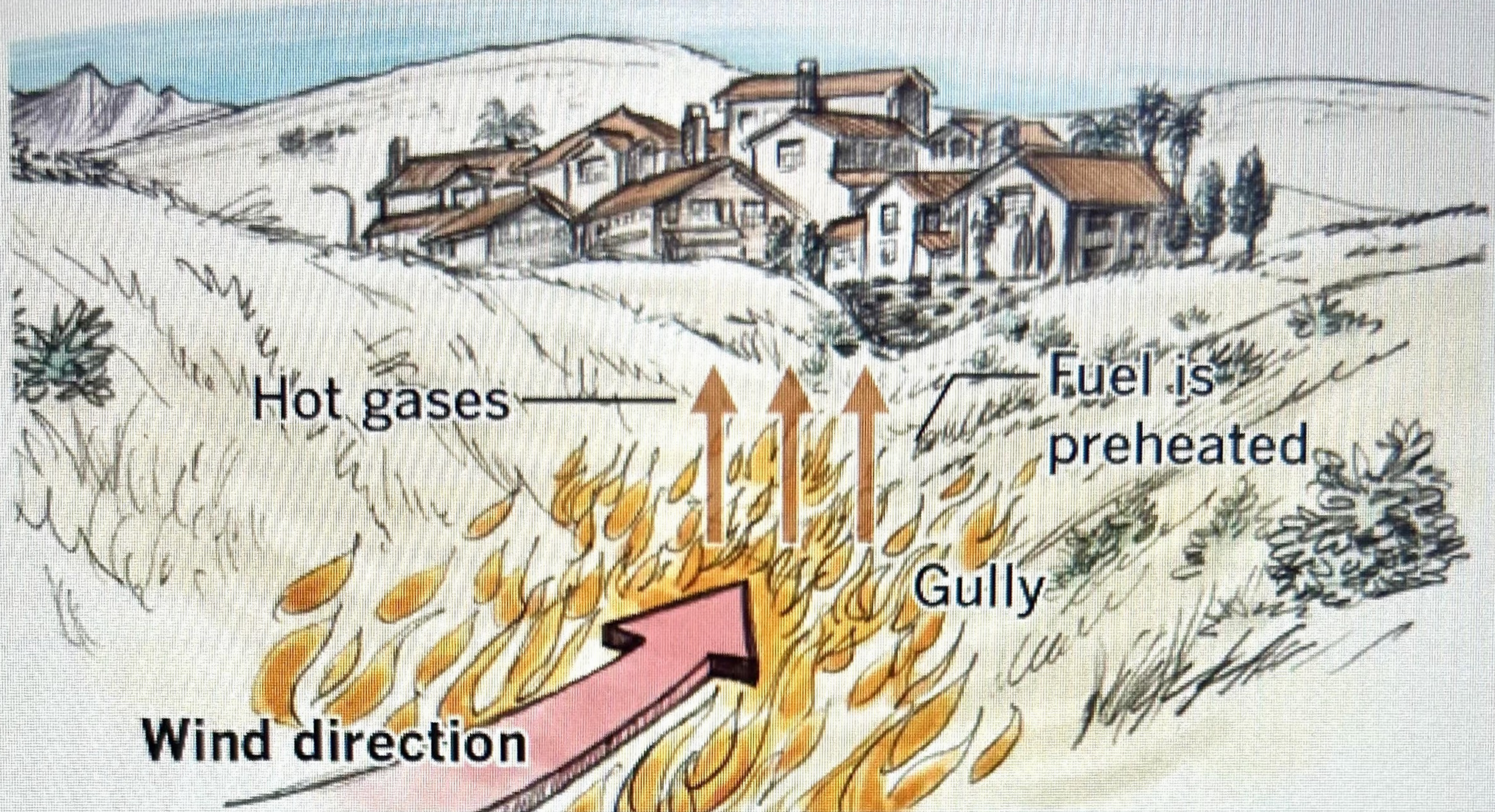
<https://www.latimes.com/california/story/2022-05-13/the-science-of-fire-and-destruction-in-laguna-niguel>

Our hillsides are steep and next to the site of this facility.

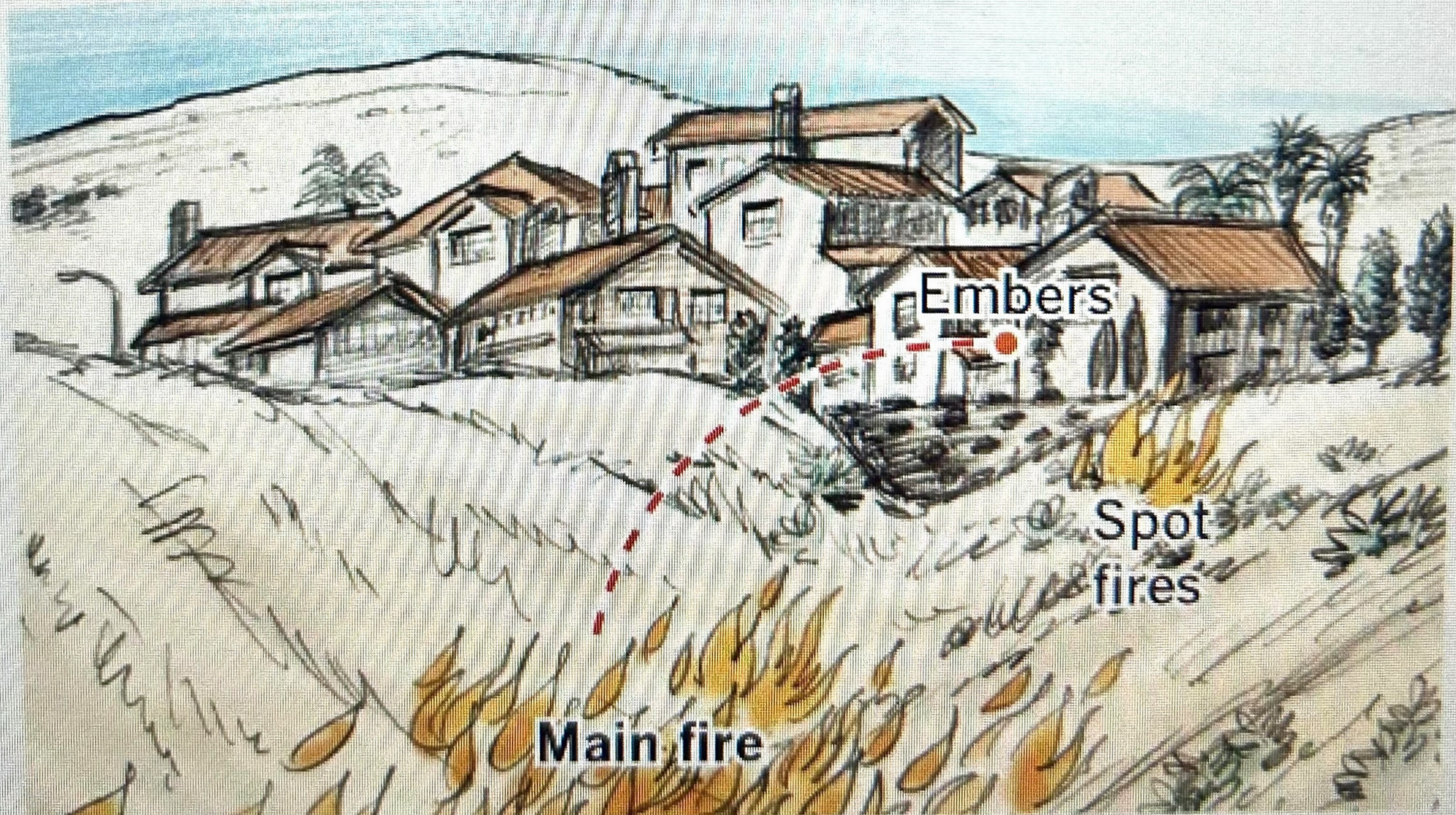
*Additional submitted attachment is included below.*

# Terrain's role in wildfires

Rising hot gases from fire are concentrated by ravines or gullies, creating a chimney effect.



Embers from main fire ignite spot fires.



Cal Fire

(Paul Duginski / Los Angeles Times)

"A matchstick — or any fire — is doing the same thing," said Issac Sanchez, a