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## SCIENTIST #1

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### PROFILE

Climate change expert. The science is clear that climate change is happening but there is always more to research to understand for sure how, why, what to do etc

### VALUES

Studies the science but does not translate into action - for others or him/herself

### SPEECH

We have been modelling fires in the Amazon for decades. We have been monitoring how climate change has been drying up the forest. Our satellite images have been tracking hot spots during the dry season and every year there have been more, destroying forest, creating new routes for fires to spread. Now they have joined up. "... The feedback effect on climate change has been catastrophic. The huge and rapid release of carbon as trees burn. The complex impact of aerosols in the upper atmosphere. The impact of windborne soot particles on arctic ice, on human health, on oceans and distant plants. "... All of these impacts are well studied and documented and debated. What happens in the Amazon doesn't stay in the Amazon. All natural systems are interconnected. The impacts of the fires are global and affect us all. "... I am afraid the scientific consensus of our forecasts is that with the Amazon burning it is now probably too late to stop dangerous climate change.

### FACTS TO COMMUNICATE CREATIVELY

Range of climate change science expertise - impact monitoring, modelling, carbon cycles, aerosol chemistry etc. Impact of Amazon wildfires on climate change, systems feedback and own rain/drought cycle increasing droughts and fire risk. What happens in the Amazon doesn't stay in the Amazon. All natural systems are interconnected.

Script your ending plea to Planet Parliament and write your main demand on a placard.

### RESEARCH LINKS

Relevant blogs and science briefs (under Resources) on [www.planetparliamentnow.org](http://www.planetparliamentnow.org)