



YELLOWNESS OF TAJ MAHAL

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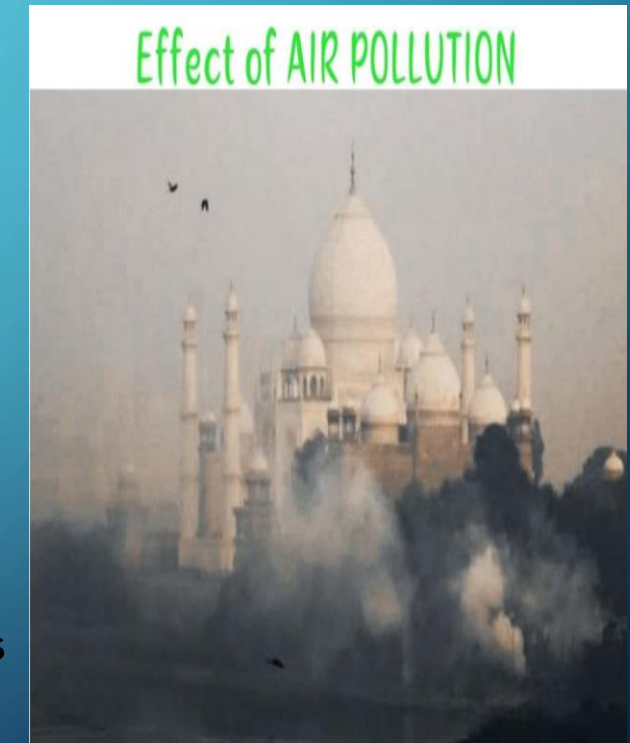
- ***Air pollution***
- ***Environmental neglect***
- ***Tourist***
- ***Acid rain***

AIR POLLUTION

These pollutants sulphur dioxide, Nox gases, and mainly carbon-based particulates have steadily weathered and eroded the Taj's mahal brilliant white facade, giving it a yellow sheen.

It is affected mostly and severely due to the presence of oxygen hydrogen chlorine sulphur dioxide. These gases in excess contribution to the acid rain which is in turn deteriorate everything getting in its way. It leaves yellowish marks on the monument hence degrading its beauty.

The gas causing the yellowing of Taj Mahal is sulphur dioxide when sulphur in Chimneys of factories react with atmospheric oxygen, it forms sulphuric acid, from sulphur Di-oxide escape into the atmosphere. It reacts with the water molecules present in the atmosphere forming sulphurous acid and Sulphuric acid.



ENVIRONMENTAL NEGLECT

Tiny insert from the drying Yamuna rivers into which the city pours its sewage crawl into the Taj Mahal, there excrement futher staining the marble. The treats to taj have change forms and the structure now remains vulnerable due to various other factors which have threatened its existence.

The monuments is now threatened by encroachment, deforestation, solid waste,garbage, falling water levels of yamuna, Acid rain and pollution.

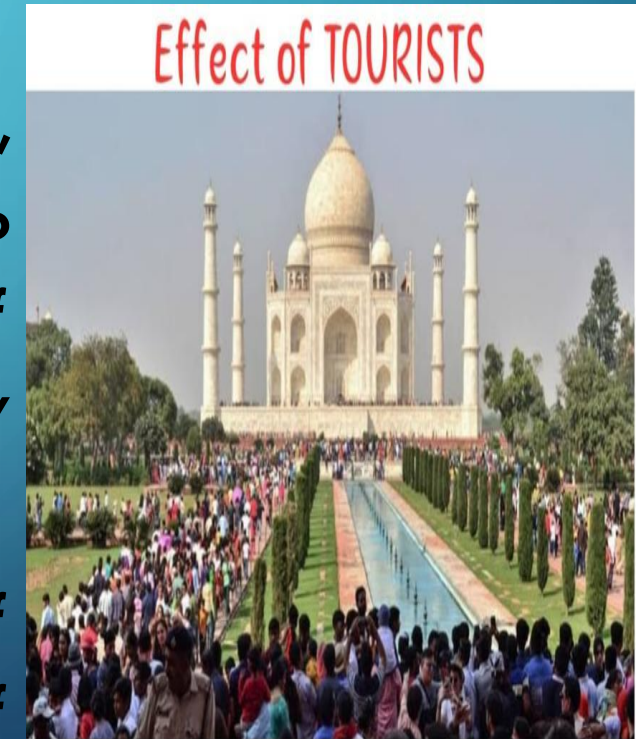
Tree had been felled left , right and centre in are around . Agra as the price for modern development. The Taj Mahal is no exception to this . Hot dusty winds have a highly abrasive effect on the monument.

TOURISTS

One potential causes that has not been looked into as much in The Tourists themselves. The Taj Mahal attracts huge number of visitor each year.

In 2013, the footfall for this edifice was 6 million! On some days, the Taj Mahal receives more than 50,000 people who want to marvel at the architectural masterpiece ! Such a large number of people trotting and trudging around this marble wonder obviously cause some amount of wear and tear .

Even the inside wall are not safe from the parasitical presence of tourists. Futher more,the grime and dust from the sweaty palms of these tourist tourist are also caked onto the immaculate walls.



ACID RAIN

Taj Mahal is completely made of Marble, acid rain reacts with marble from powder-like substance which is then washed away by the rain. This phenomenon is called marble cancer.

In addition, the soot particles emitted from the Mathura oil refinery located near Agra are leading to the yellowing of Taj Mahal marble.

Acid rain corrodes the marble (calcium carbonate) of Taj Mahal. This causes damage to this wonderful structure, causing yellowing of marble.

The air in this place contains a serious level of sulphur and nitrogen oxide. This is due to the large number of industries set up near the Taj Mahal and pollution of Yamuna rivers... Acid rain reacts with the marble of Taj Mahal and this is causing damage to the heritage structure.

Effect of ACID RAIN

