

In the Name of Allah, Most Gracious, Most Merciful

# Global Clock Synchronization

By Irshad Mahmood – Director, Global Right Path

---

**Daylight Saving Time is increasing challenges to science, engineering as well as our body and our life could be in danger.**

## Health Effects due to Daylight Saving Time:

DST can affect both your body clock and health. Studies show that there is an increase in both heart attacks and road accidents in the days after clocks are set forward one hour in spring.

Setting your clock forward one hour for Daylight Saving Time (DST) could mean losing an hour of sleep on the morning after the change.

Being tired can decrease productivity, concentration, and general well-being. Several studies also link DST to increased risk of heart attacks, road accidents, and sleep problems:

## Challenges to Science & Engineering:

Clock synchronization is a problem from computer science and engineering which deals with the idea that internal clocks of several computers may differ. Even when initially set accurately, real clocks will differ after some amount of time due to clock drift, caused by clocks counting time at slightly different rates. There are several problems that occur as a repercussion of clock rate differences and several solutions, some being more appropriate than others in certain contexts.

## Economic Impacts:

All of these impacts have economic costs too. An index from Chmura Economics & Analytics, released in **2013**, suggests that the cost could be up to **\$434** million in the U.S. alone. That's an estimated total of all of the health effects and lost productivity mentioned above.

Other calculations suggest this cost could be up to **\$2** billion - just from the **10** minutes twice a year that it takes for every person in the U.S. to change their clocks. (If you calculate **10** minutes per household instead of per person this "opportunity cost" is only **\$1** billion.).

## Global Clock Synchronization:

The "**LONGITUDE**" (abbreviation: Long.,  $\lambda$ , or lambda) of a point on the Earth's surface is the angle east or west from a reference meridian to another meridian that passes through that point.

The World started going back towards normal one Global Clock Synchronization. Majority of countries never observed Daylight Saving Times. In **2014**, Russia left permanent DST and switched to permanent standard time.

Farmers never go with Daylight Saving Times rather they go with Sunrise and Sunset.

**It is time now to switch back to one Global Clock Synchronization by leaving permanently Daylight Saving, since it is creating more problems and more unsynchronized world as well as bad for our economy as well as for our health.**

**Offset for time zones on lands from Coordinated Universal Time (UTC) MUST be set to 30 minutes apart instead of a whole number of hours, regardless of boundary of any provinces, states or countries, rather to follow lines of one Global Standard longitudes, keeping in mind that one time zone for a city or village, but provinces, states or countries can have different time zones. Australia, Brazil, Canada, Denmark, France, Indonesia, Kazakhstan, Mongolia, Mexico, New Zealand, Russia, South Africa, Spain, United Kingdom and USA etc. already have multiple time zones in their countries. Time zone in one region will have one standard time, regardless of north or south of equator. E.g. many cities falling in one region of North America (e.g. Canada & USA), Central America (e.g. Dominican Republic) or South America (e.g. Argentina, Bolivia, Brazil & Venezuela) will have one standard time.**

## References:

[https://en.wikipedia.org/wiki/List\\_of\\_time\\_zones\\_by\\_country](https://en.wikipedia.org/wiki/List_of_time_zones_by_country)

[https://en.wikipedia.org/wiki/Daylight\\_saving\\_time\\_by\\_country](https://en.wikipedia.org/wiki/Daylight_saving_time_by_country)

[https://en.wikipedia.org/wiki/Clock\\_synchronization](https://en.wikipedia.org/wiki/Clock_synchronization)

<http://www.timeanddate.com/time/dst/daylight-saving-health.html>

<http://www.businessinsider.com/economic-and-health-effects-of-daylight-saving-time-2014-3>

---

**Read Al-Quraan, the Miracle of Miracles and free from contradictions and errors**

<http://global-right-path.webs.com> <http://global-right-path.blogspot.com> <http://www.global-right-path.com>

Email to [mail+subscribe@globalrightpath.com](mailto:mail+subscribe@globalrightpath.com) to subscribe