



Geofizički odsjek

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O B A V I J E S T

Dana **6.6.2011. (ponedjeljak!)** u 13¹⁵ održat će se u okviru seminara i kolokvija na Geofizičkom odsjeku PMF-a sljedeće izlaganje:

Prof. Eric M. Fujita

(Division of Atmospheric Sciences, Desert Research Institute, Reno, Nevada, U.S.A.):

Review of the Air Quality Management System in the United States for Attainment of Air Quality Goals for Ambient Ozone

ABSTRACT: While 35 years of regulatory efforts have resulted in substantial improvements in air quality in the United States, these improvements have fallen short of expectations and many communities remain in nonattainment of the National Ambient Air Quality Standard for ozone. Major studies that have examined the reasons for this lack of progress have identified several issues regarding the state of science and the operational approaches used in the management of ozone air quality. The existing monitoring networks were enhanced to improve the ability to measure and track the performance and progress of ozone control programs. Significant errors and uncertainties in the emissions inventory were acknowledged along with a necessity for independent testing and evaluation procedures. It was also acknowledged that the regulatory expectations for the use of models in the planning process exceeded their performance capabilities and a more integrated approach was adopted, which combined the strengths of air quality models, data analysis, and ambient and source monitoring. This presentation will review the air quality monitoring programs, emission inventory development, and air quality modeling and forecasting that support the current air quality management system in the United States. Historic trends in ambient ozone and precursor concentrations will be reviewed in relation to changes in vehicle emissions and the underlying causes for recent ambient trends. Findings from recent vehicle emission studies will be summarized to highlight remaining uncertainties in the vehicle emissions inventories for volatile, semi-volatile and particulate organic compounds and directly emitted PM_{2.5}.

Pozivaju se studenti, apsolventi i svi zainteresirani da prisustvuju predavanju, koje će se održati u predavaoni br. 2 Geofizičkog odsjeka PMF-a, Horvatovac 95, Zagreb. Studentima 2. godine diplomskog sveučilišnog studija fizika – geofizika je prisustvovanje predavanjima u sklopu Geofizičkog seminara obavezno.