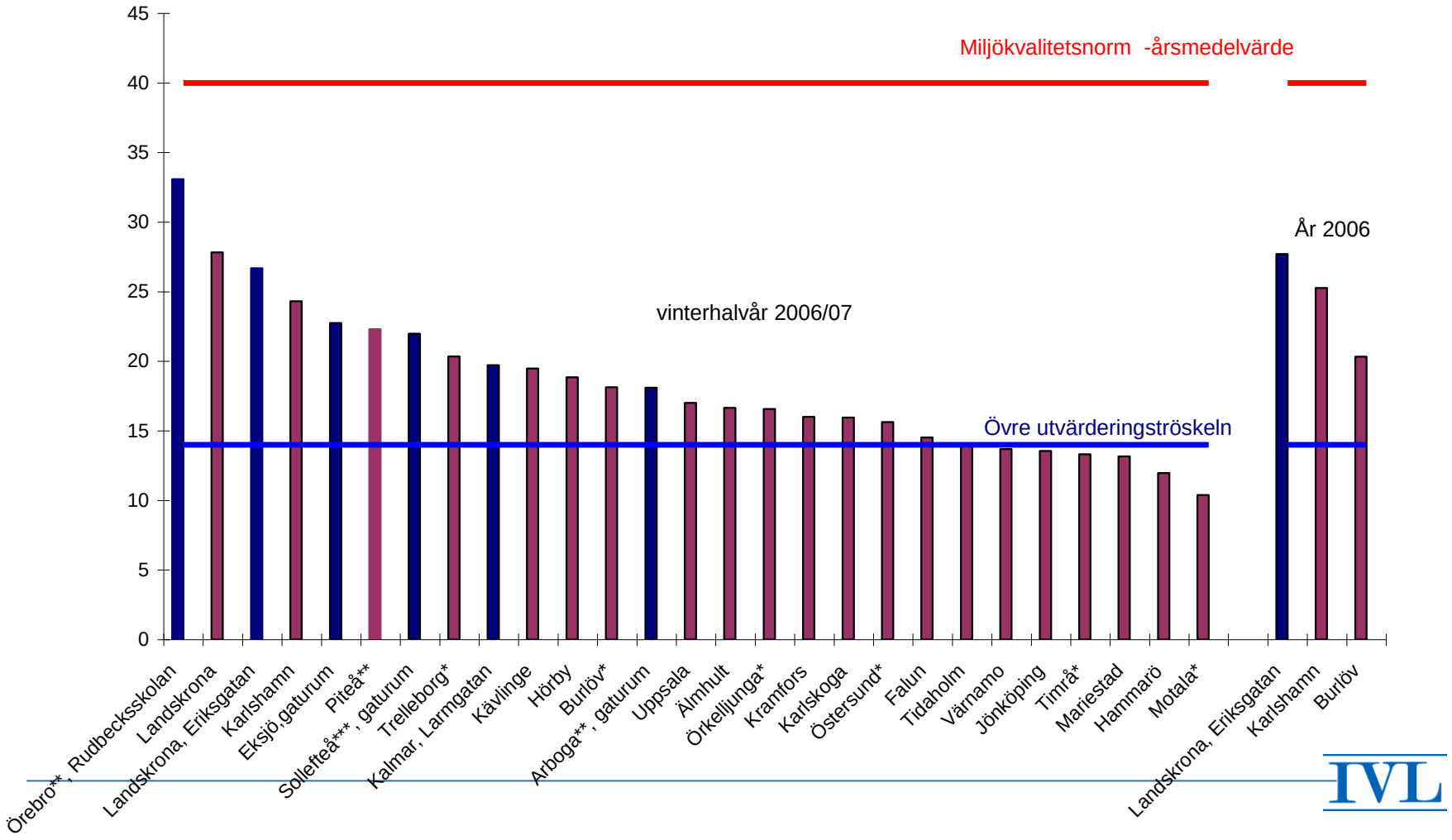
Data from Malé program

Martin Ferm 2008-08-15

Vinterhalvårs och Årsmedelvärde för PM_{10} 2006/07 jämfört med MKN för år



Form: Air H **Results of air concentration analysis (High Volume Sampler) APRIL 2003**

Site name:Institute of Agriculture and Animal Science (IAAS), Rampur, Chitwan.

Name of Laboratory:IAAS, Soil Laboratory

Unit: **µg/m^3**

Sample No.	Sampling period				Manometer reading(m3/min)		Time totalizer reading(hrs)		Wt. of filter paper(gm)		Wt. of Dust Cup(gm)		Concentration (mg/m^3)		
	Start		End												
	Date	Time	Date	Time	Initial	Final	Initial	Final	Initial	Final	Initial	Final	PM_{10}	NRSPM	TSPM
1	2003-08-04	08:00	2003-08-04	19:30	1.29	1.14	79.79	91.02	2.7011	2.7662	17.2164	17.3354	79.51	145.35	224.86
2	2003-08-04	08:00	2003-09-04	07:30	1.23	1.18	91.21	102.65	2.6695	2.8484	17.181	17.5847	216.29	488.08	704.37
3	2003-10-04	08:00	2003-10-04	17:30	1.13	0.98	102.74	107.53	2.6985	2.7402	17.1422	17.1775	137.53	116.42	253.95
4	2003-10-04	20:00	2003-11-04	07:30	1.07	1.05	107.57	119.1	2.6951	2.8672	17.2858	17.3063	261.95	31.96	293.91
5	2003-12-04	07:30	2003-12-04	17:30	1.11	0.9	119.18	129.78	2.7033	2.7817	17.4988	17.6109	122.65	175.38	298.03
6	2003-12-04	20:00	13/4/03	08:00	1.07	1.05	129.79	141.56	2.69	2.852	17.2898	17.3852	177.67	127.44	305.11
7	14/4/2003	07:00	14/4/03	17:00	1.08	1.07	141.65	151.43	2.7031	2.7632	17.5005	17.6313	95.27	207.35	302.62
8	16/4/2003	06:30	16/4/03	17:00	1.09	0.98	160.91	170.03	2.7165	2.7426	17.4388	17.492	46.08	93.93	140.01
9	18/4/2003	07:00	18/4/03	17:00	1.14	1.01	171.06	180.6	2.7058	2.7407	17.4872	17.4977	56.71	17.06	73.77
10	21/4/2003	06:30	21/4/03	17:30	1.16	1.04	180.63	190.59	2.6994	2.7419	17.2147	17.2783	64.65	96.75	161.4
11	21/4/2003	18:00	22/4/03	06:00	1.08	1.06	190.63	201.01	2.7152	2.7731	17.1319	17.2429	86.88	166.56	253.44
12	23/4/2003	06:30	23/4/03	17:30	1.12	0.99	202.29	212.21	2.7257	2.7653	17.2695	17.335	63.06	104.31	167.37
13	23/4/2003	18:00	24/4/03	06:00	1.05	1	212.25	224.02	2.711	2.7907	17.3016	17.4172	110.1	159.7	269.8

Form: Air H **Results of air concentration analysis (High Volume Sampler)**

Site name: Station of Monitoring Transbaundry Air Pollution, Dehloran, Chamsari

Name of Laboratory: Dehloran laboratory **Name of reporter: Maziar Soleimannejad**

Unite: µg/m^3

Sample No.	Sampling period				Manometer reading(m^3/min)		Time totalizer reading(hrs)		Wt. of filter paper(gm)		Wt. of Dust Cup(gm)		Concentration (µg/m^3)		
	Start		End												
	Date	Time	Date	Time	Initial	Final	Initial	Final	Initial	Final	Initial	Final	PM_{10}	NRSPM	TSPM
1	2008-06-16	12:00	2008-06-17	07:00	1.1	0.6	220.38	238.21	2.7250	3.9992	17.3046	19.0988	1401	1973	3374
2	2008-06-17	09:25	2008-06-18	07:25	1.1	0.7	238.21	260.30	2.7244	3.6202	17.2758	18.2908	751	851	1602
3	2008-06-18	09:30	2008-06-19	08:30	1.2	0.7	260.30	283.22	2.7296	3.4443	17.3766	18.0191	547	492	1039
4	2008-06-21	09:00	2008-06-22	08:30	1.2	0.9	288.74	312.30	2.7184	2.9475	17.3055	17.6034	154	201	355
5	2008-06-22	10:30	2008-06-23	08:30	1.1	0.8	312.30	334.39	2.7205	2.9436	17.3750	17.6592	177	226	403
6	2008-06-23	10:00	2008-06-24	09:00	1.1	1.0	334.39	357.47	2.7004	2.9435	17.2184	17.5730	167	244	411
7	2008-06-25	12:15	2008-06-26	12:00	1.1	1.5	357.47	381.22	2.7325	2.8192	17.1537	17.4930	47	183	230
8	2008-06-27	18:50	2008-06-28	11:00	1.2	1.6	381.23	397.41	2.7337	2.7876	17.1545	17.4795	40	239	279
9	2008-06-28	11:50	2008-06-29	08:30	1.1	1.8	397.41	415.48	2.7105	2.7690	17.2211	17.3285	37	68	106
10	2008-06-29	09:40	2008-06-30	08:45	1.1	1.4	415.48	436.12	2.7300	2.8426	17.4222	17.7026	73	181	254

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Estimation of particulate matter from visibility in Bangkok, Thailand

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Top of page Abstract Lack of daily data on airborne particles has been a common problem in an air pollution research. To deal with this problem, a regression model was developed to estimate daily PM10 concentration using visibility in Bangkok from 1992 to 1997, based on 1092 visibility/PM10 pair-observations on low humidity days (humidity76.5%). Visibility was significantly and inversely associated with PM10 (r=0.71), after adjusting for minimum temperature and winter indicator variable. The R2 of the model was 0.51.

Urban visibility and airborne PM_{10} aerosol in Southern Taiwan

Author: Tsai Y.I.

Source: Journal of Aerosol Science, Volume 31, Supplement 1, September 2000 , pp. 895-896(2)

Publisher: Elsevier

Desert aerosol observation in the center of Takelamagan desert

Hao Yan; Meiyan Jiao; Guiqing Liu; Xuan Li

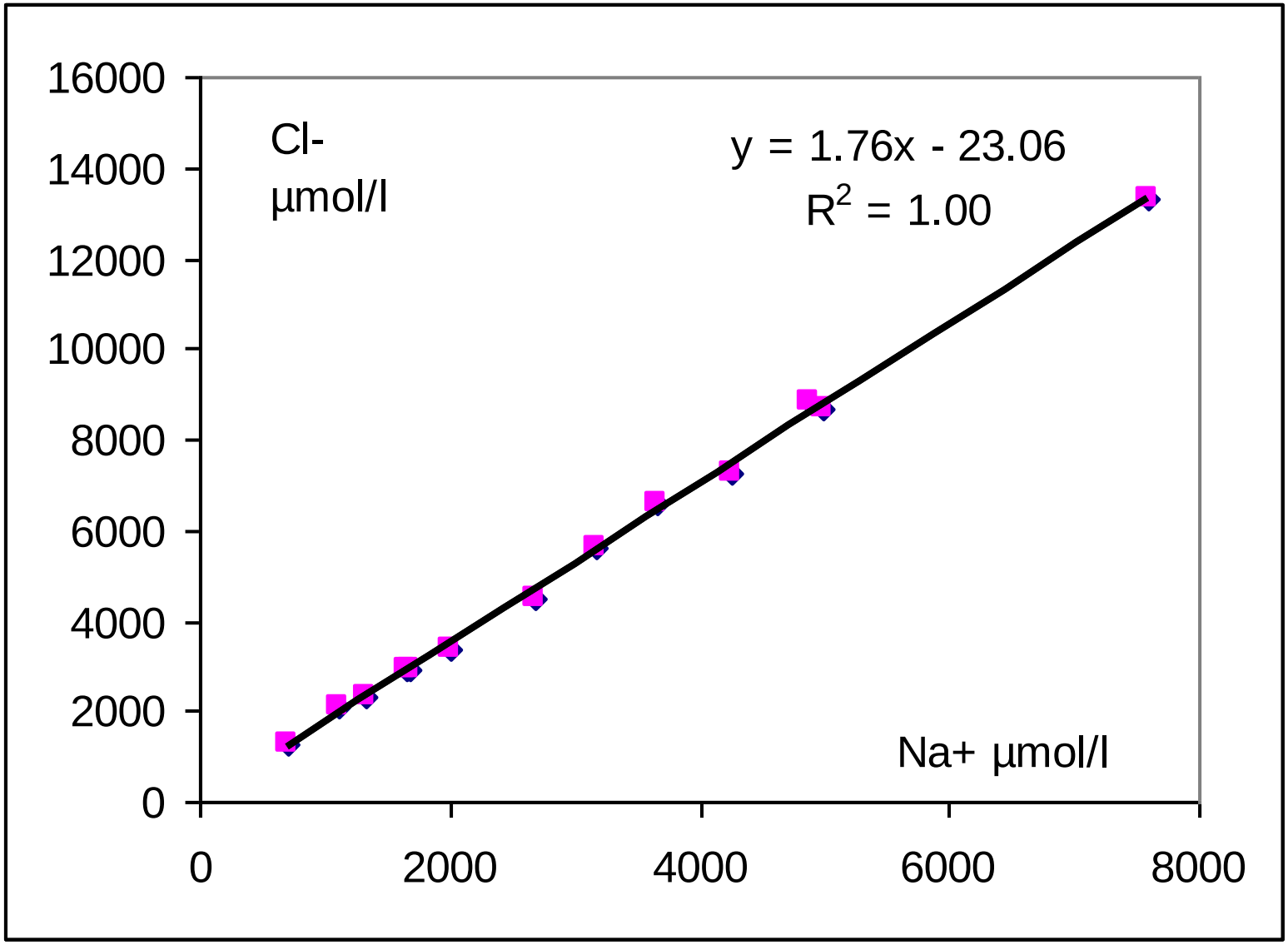
Geoscience and Remote Sensing Symposium, 2005. IGARSS apos;05. Proceedings. 2005 IEEE International

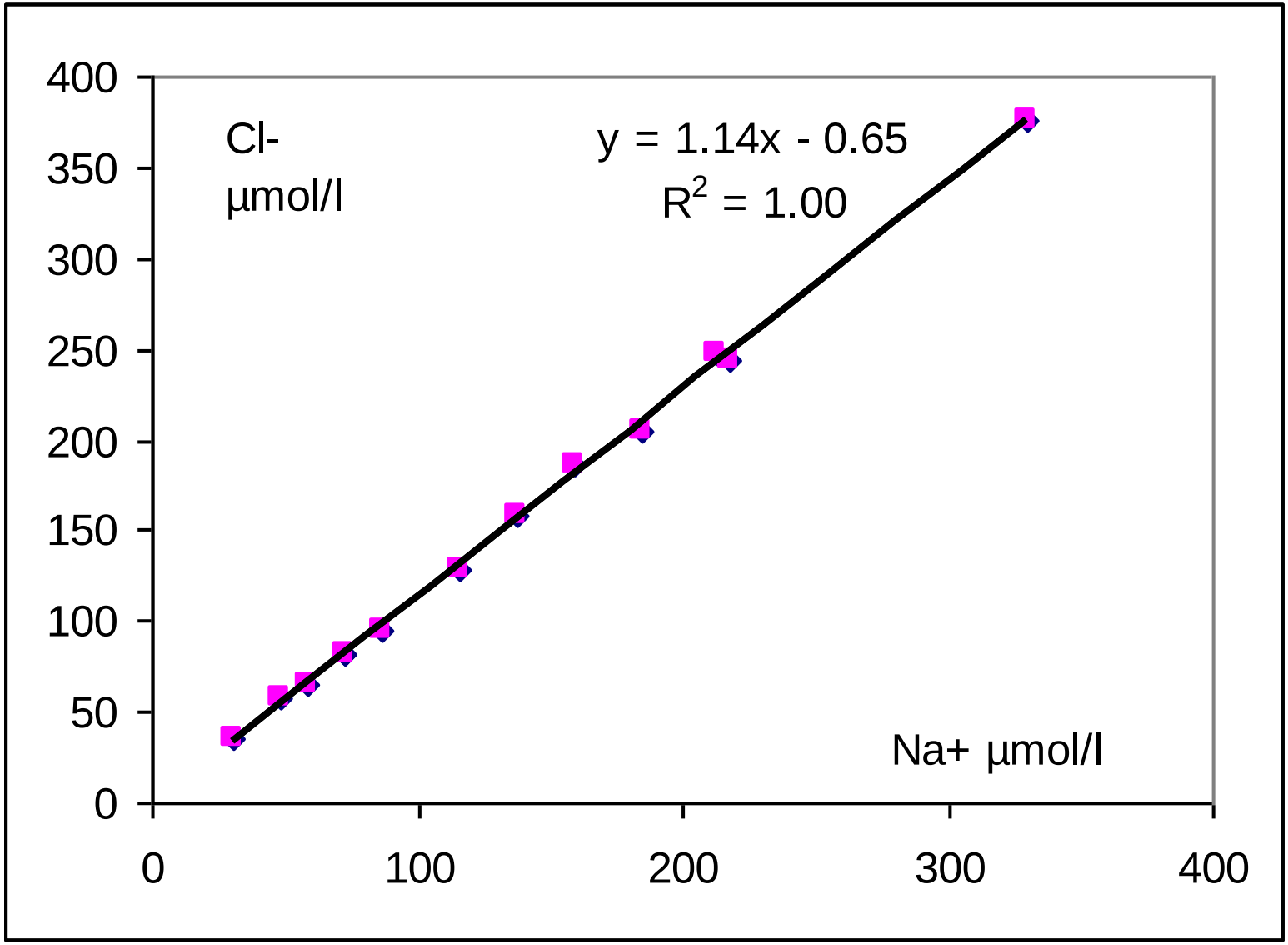
Volume 7, Issue , 25-29 July 2005 Page(s): 5119 - 5121

PM10 concentration and ***visibility*** has a negative relationship of. power function. **....** ***Visibility***, ***PM10***, and TSP were processed to daily average **...**

Table 3:21 Results of wet monitoring, maldives

$Cl^-/Na^+ = 1.76$





$(Cl^-/Na^+)_{sea\ water} = 1.17$

in acidic rain:

$$\sum cations = 77\,EC - 10^{(6.3-pH)}$$