

Pune Construction Engineering Research Foundation

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PC1\WATER\564

3 November, 2000

To

Mr. Prakash Gole
Director
Ecological Society
1/B Abhimanshree
Society,
Off Pashan Road
Pune 411 008

Subject : Aqua Tech 2000

Dear Sir,

We have pleasure to inform you that your paper is accepted to be included in Conference Souvenir.

We also take this opportunity to invite you for the Inaugural Function. Invitation card for the same is enclosed herewith. Your participation on both days i.e. 11th & 12th November 2000, will certainly help to make this conference more interesting and a great success.

We are also enclosing tentative programme of Inaugural Session and Technical Sessions for your reference please. The inclusion of presentations will be with reference to Sessions.

Looking forward to meet you at the conference on 11th November 2000

Thanking you,

Yours faithfully,
For P.C.E.R.F.

(J.P. Shroff)
Convenor - Aqua Tech 2000

p.s. - Invitation card already sent.

Preservation-oriented

Human interference

Collection of grass - period, area Cattle camps

No movement of areas

Water scarcity

Cutting - no clear-cutting, fruit & fodder trees, dead & dying trees

Mossy banks & dense vegetation

Edges bet. forest & plantation - Underplanting - bamboo

Labour camps - water holes, Road network Night traffic

Burning mid-spring - rotational

Kanba & Ato people have been rehabilitated.

Management after regulation, identification of rights

Strict natural zones, Managed natural zones, Wilderness zone

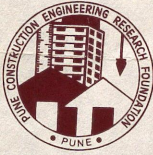
Core zone - buffer zone. Extension buffering, socio-buffering

Legal boundaries, Ecological boundaries - Corridors.

Plan Phase I legal, rehabilitation, settlement; socio-econo development

Evaluation of Flora & Fauna.

Phase II: Data collection, Education, extension, Habitat development, Research, Veterinary.



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Ref. : PC1/WATER/598

14th November 2000

To

Mr. Prakash Gole
Director
Ecological Society
1/B Abhimanshree Society
Off Pashan Road
Pune 411 008

Sub. : Aqua -Tech 2000

Dear Sir,

It was both a pleasure and privilege to have you with us during the conference on Water Resource management AquaTech 2000 held on 11th and 12th November 2000 at hotel Le Meridien.

Your learned paper and its presentation has contributed a good deal towards the success of this International Conference Aqua Tech 2000.

Thanking you with warm regards,

Yours faithfully,
For **P.C.E.R.F.**


(GANESH KHADKATKAR)
Project Coordinator

Herbicides, Weedicides, Fertilizers : less damaging than fire & machine
accelerate succession, increase soil pH & bacteria.

Tree vigour - no defoliating insects, yes too sap-sucking insects.

For every 8 ha. - leave 0.4 ha untreated.

Municipal & industrial waste : understory biomass, wildlife but
species richness suffer also toxicity. No sewage.

Landscape Ecological Plan : stream corridors, Riparian habitats
20% vertical } 50% either steep slopes
30% horizontal } uncommon features.

Total Plant Composition, Hierarchy of units, Distri. & Habitats.

Flood plain to high elevation. Links & corridors with others.

Old growth stands - Core areas - 1 mini. viable popu. 50 breeding indivi.

2 core areas distance 2 times mean dispersal distance.

Buffer zones & corridors.

Minimum contiguous area needed for each species.

Variety of cover types. Balanced age structure.

One watershed in each physiographic unit to be left intact.

Fire, wind, disease, insects, - natural disturbances. Harvesting

Adjacent stands similar in age benefit interior species.

Edge habitats - meadows, shrub, water, talus slopes within 183 m.

included in forest eco-sys.

Featured species : Game, keystone, threatened endangered.

Distance between stands : 75 m. for flying squirrels

366 m. for deer

3.2 to 4. km. for Eagles

120 m. radius protected around aquatic, mineral licks & cutting

junction of 3 or more desirable habitats create good WL ^{areas}.

Diseased & insect-infested branches to be removed. Dead br. kept.

Dusting areas for birds. Create dripping water, cascade.