

HIBER MICROSATELLITE AND AI FOR NATURE CONSERVATION - OVERVIEW

VIDEO TRANSCRIPT

00:05

Gibbons are our closest relatives we

00:09

share 97% of genes with these graceful

00:13

creatures Gibbons are under immense

00:15

threat both from habitat loss and from

00:19

hunting for traditional medicines and

00:21

the pet trade

00:23

the violet Conservation Society is

00:26

working with state governments and

00:28

communities in Northeast of India to

00:31

understand and protect the Western who

00:33

law given in 2008 and 2010 Gibbons

00:36

featured is one of the top 25 most

00:39

endangered species in the world the

00:41

easiest way to track Gibbons is from

00:44

their calls in the jungle but scientists

00:46

have to listen to hours of sound

00:49

recordings to infer any presence of

00:52

Gibbons accented labs research in

00:55

artificial intelligence helped create a

00:58

tensor flow based neural network

00:59

solution that is helping Wildlife

01:02

Conservation Society researchers to

01:04

detect the presence of Gibbons in the

01:06

tropical forests of northeast India to

01:09

enable remote tracking the neural

01:11

network can be deployed on low-cost

01:13

computers which then monitor the

01:15

presence of Gibbon sounds compress them

01:18

into 140 characters of information in

01:20

the jungle and transmit it to nano

01:23



satellites by hiber which are
01:25
specifically designed for providing
01:27
connectivity where none exists together
01:30
with extension labs we go in a vein and
01:32
enable the perfect solution for wildlife
01:35
conservation we make sure that together
01:37
with this integrated solution we provide
01:40
data to scientists and researchers to be
01:43
able in their offices to make sure they
01:45
can analyze the data there instead of in
01:47
the middle of nowhere in the deep jungle
01:49
use of this technology can go a long way
01:51
in helping us in conserving such species
01:54
and our overall conservation efforts
01:56
v-neck central labs tech4good are
01:58
delighted to work with wildlife
02:00
conservation society and hiber and help

02:04
accelerate the conservation efforts and
02:07
hopefully help the endangered animals
02:09
make a comeback
02:10
you

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