RSU-SAARC, SAARC Veterinary Epidemiology and Laboratory Capacity and Networks

Regional Support Unit of SAARC, FAO

www.saarc-rsu-hped.org
Regional Support- SAARC
Regional Diagnostic Lab- FMD
Regional Diagnostic Lab- HPAI
Regional Epidemiology center
Regional Support unit-SAARC

- The RSU is the **First institutional mechanism** to deal with TADs and other EIDs at regional level

- **Established/Strengthened**
  - Regional Support Unit (RSU) and Regional Epidemiology Centre (REC) in Kathmandu, Nepal of FAO
  - Regional Diagnostic Laboratories (RDLs) for FMD, PPR and HPAI

- **Further Collaboration**
  - Mechanism is also helping engagement of SAARC with OIE and WHO and other international partners
Working Mechanism of the RSU-SAARC
Functional structures/Stakeholder

SAARC Secretariat

RSU-SAARC

SAARC CVOs Forum

SAARC Member States

ADB (Japan Fund for Poverty Reduction)

[Map of South Asia showing countries: Afghanistan, Nepal, Bhutan, Bangladesh, India, Pakistan, Myanmar, Sri Lanka, Maldives]
RSU-SAARC and its Epidemiology and Laboratory Networking

RSU-SAARC

Regional Epidemiology Center (REC)

Regional Diagnostic Laboratories (RDLs)

HPAI  FMD  PPR
List of priority diseases including zoonoses for the region for sharing information- recognized by CVO forum

<table>
<thead>
<tr>
<th>Diseases for real time information sharing</th>
<th>Diseases for information sharing bi-annually</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Avian Influenza</td>
<td>1. Brucellosis</td>
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<tr>
<td>2. Nipah Virus</td>
<td>2. CSF</td>
</tr>
<tr>
<td>3. Foot and Mouth Disease</td>
<td>3. Rabies</td>
</tr>
<tr>
<td>4. Pesti des petits ruminantes (PPR)</td>
<td>4. New Castle Disease</td>
</tr>
<tr>
<td>5. Any significant Emerging Infectious Diseases (EIDs) including those of public health importance</td>
<td>5. Infectious Bursal Disease (Gumboro)</td>
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</table>
First SAARC-CVO meet (New Delhi 9-10 June) to discuss the challenges of Transboundary Animal Diseases (TADs) and other aspects of livestock

SAARC-CVO MEET- Kathmandu, 2 - 3 April

Special CVO Meeting- Bangkok, Thailand, 28-29 August

SAARC-CVO Meeting- Kandy Sri Lanka 16-17 August

Meeting could not held

SAARC-CVO meet- Dhaka, 31 March – 1 April

SAARC-CVO Meeting- Pakistan

SAARC-CVO Meeting- 13-14 April Nagarkot, Nepal
GF TADs Mechanism Endorsed and Diagnostic Laboratory and Surveillance Network Coordination Established - HPAI

2005

Chief Veterinary Officers’ Forum Established

2008

RSU and RDLs established and facilitated the establishments of RCM

2010

Consultation for establishing a network of RDLs

2011

1st, 2nd, 3rd Laboratory Director’s Meetings

Lab Dir meeting endorsed by CVOs Forum

2012-2014

4th Laboratory Director’s Meeting

Regional Support Unit for South Asian Association for Regional Cooperation (RSU-SAARC)

Regional initiatives on Laboratory development
Consultative meeting on Epidemiology and Lab Networking

First SAARC FETPV short course - 19 trainees from 5 countries

Training in TADInfo software and GIS – 12 trainees from 6 countries

Second FETPV

Third SAARC EpiNet meeting

South Asia Animal Disease Information System (SADIS)
Epi Focal Persons

Second SAARC EpiNet meeting

Risk Assessment training

Regional training on designing Risk based surveillance along livestock value chains

Road maps for TADs developed
South Asia Animal Disease Information System (SADIS)

Data source, flow, input

SAARC Animal Disease Information System (SADIS): platform and flow of information

National Disease Information System, TADInfo/NADRS/LDIS, etc.

CVO/National Epi Focal

Data entry, collation and storage

RSU MySQL database

RSU-SAARC Website - SADIS platform

Query base search for reports

Data query, analysis - Output

Epi focal points of MSs submit the information/data to RSU as and when available/ event occurs.

RSU will collate, analyse and disseminate back to the MSs.

Regional Epidemiology Network and Information Flow: Proposed
• **Website**
  - developed in 2010.
  - The clear role and mandate of the RSU-SAARC
  - Disseminate information and publications
  - An online platform for SAARC member countries, alert for recent disease outbreaks and share latest disease development.

• **Social media channels** –
  - Facebook - [https://www.facebook.com/saarc.rsu;](https://www.facebook.com/saarc.rsu)
  - LinkedIn - [https://www.linkedin.com/company/3104778;](https://www.linkedin.com/company/3104778)
Information sharing

Weekly E-information

- To strengthen early warning for outbreaks of priority diseases through information sharing on real time
- Abstracts and links to the sources of information, and related articles from the various official and non-official sources
- Started on: 5 January 2012
- Total issues: 241.

Quarterly Information Bulletin

- “Major diseases situation in the Sub-region” which consolidates official information related to disease outbreaks in SAARC region.
- It also chronicles activities and events of RSU SAARC in quarterly basis
- Started on: April 2009
- Total issues: 38
END