# **MSTrIPES** Desktop Installation Manual



# Wildlife Institute of India



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## 1 System Requirements

| System Details | Preffered Configurations             |
|----------------|--------------------------------------|
| OS             | Windows-7 64bit or above             |
| Processor      | i5 dual core 7th generation or above |
| RAM            | 8GB or above                         |
| Hard disk      | 512GB or above                       |

NOTE - For other configurations with lower OS version or processor or memory the application perforamance might not be as expected.

## 2 Installation process

## 2.1 Download

Please download the latest version of the installer from https://projects.kaiinos.com/wii\_executables/. Download the installer Zip file (MSTrIPES\_Executables\_Version\_A.B.C\_64\_bit.Zip).

## 2.2 Extract installer

Extract the MSTrIPES Executable to a folder. Select all the folders and click on extract all to extract.

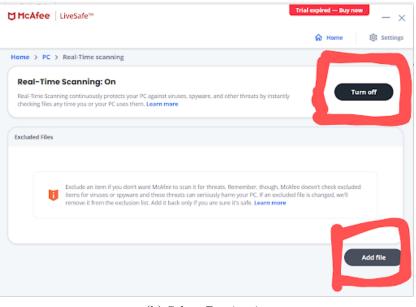
|     |  |                                   |                                  |                     |                          |                    |                                     | ×  |       |
|-----|--|-----------------------------------|----------------------------------|---------------------|--------------------------|--------------------|-------------------------------------|--|-------|
| ~   | Extract Compre   | essed (Zippe                      | d) Folders                       |                     |                          |                    |                                     |  |       |
|     | Select a Desti   | nation ar                         | nd Extract F                     | iles                |                          |                    |                                     |  | 6     |
|     | Files will be extract  | ed to this fo                     | lder:                            |                     |                          |                    |                                     |  | )     |
|     | C:\Users\kaush\D   | ownloads\N                        | 1STrIPES_Execu                   | utables_Vers        | ion_1.6.7_64             | _bit (2)           | Browse                              | e  | 2     |
|     | Show extracted   | files when c                      | omplete                          |                     |                          |                    |                                     |  | 1     |
|     | - Show extracted   | mes when c                        | ompiete                          |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          | E                  | Extract                             | Cancel                                   |       |
|     |  |                                   | (a) Sele                         | ct Dest             | ination                  |                    |                                     |  |       |
|     | 2 📜 💌  | Extract MS                        | TrIPES Executables Version 1.6   | .4 64 bit           |                          |                    |                                     | _  | o ×   |
| 100 | Documents 📰 Pictures 🎝 Music                                   | v Extract<br>all                  |                                  |                     |                          |                    |                                     |  | ^ 0   |
|     | Extract To<br>$\rightarrow$ * $\uparrow$ 📕 > This PC > Downlos |                                   | les_Version_1.6.7_64_bit (2).zip | MSTrIPES Executable | s Version 1.6.4 64 bit > | ٽ ~                |                                     | outables Version 1.6.4 6                 | 4 bit |
|     | Name   | Type<br>File folder               |                                  |                     | Size                     | 1                  | Date modified<br>0-03-2021 12:17    |  |       |
|     | <ul> <li>mstd.ps1</li> <li>■ MSTrIPES.exe</li> </ul>           | Windows PowerShell<br>Application | Script                           | 2 KB No<br>23 KB No | 9 KI<br>57 KI            | 8 78% 1<br>8 60% 2 | 2-03-2021 11:03<br>:3-03-2021 12:31 |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
|     |  |                                   |                                  |                     |                          |                    |                                     |  |       |
| 3 i | tems   |                                   |                                  |                     |                          |                    |                                     |  |       |
|     | P Type here to search  |                                   | 0 🗏 💽                            | 1                   | 0 0 0                    | 4°C /              | <u>^ @</u> ■ <i>@</i> 40            | a <sup>&amp;</sup> ENG 05:14<br>19-07-20 | 021   |
|     |  |                                   | (1                               | o) Extra            | act all                  |                    |                                     |  |       |

### 2.3 Antivirus Settings

If the system has any antivirus software like McAfee or secureme please disable real time protect during installation or add the MSTrIPES.exe file to the excluded files.

| J McAfee   LiveSafe™  |          | Trial expired — Br          |               |        |
|---|----------|-----------------------------|---------------|--------|
|   |          | 🔂 Home                      | <b>ផ្សា</b> ន | iettir |
| Home > PC > Real-Time scanning  | My i     | nfo                         |               |        |
| Real-Time Scanning: On  | <u>_</u> | My subscription             |               | ÷      |
| Real-Time Scanning continuously protects your PC against viruses, spyware, and other thre   | ۲        | My devices                  |               | ÷      |
| checking files any time you or your PC uses them. Learn more  | 0        | Help and support            |               | ÷      |
| Excluded Files  | 0        | About                       |               | ÷      |
|   | Gen      | eral settings and alerts    |               |        |
|   | ٩        | General settings and alerts |               | ÷      |
| Exclude an item if you don't want McAfee to scan it for threats. Rememb   | ~        | Security history            |               | ÷      |
| items for viruses or spyware and these threats can seriously harm your i<br>remove it from the exclusion list. Add it back only if you are sure it's safe | di       | Security report             |               | ÷      |
|   |          | eren ge                     |               |        |
|   | ٩        | Real-time scan              | On            | ÷      |
|   |          | a section items             |               | ->     |
|   |          | Firewall                    | On            | ⇒      |
|   |          |                             | -             |        |

#### (a) Select Destination



(b) Select Destination

## 2.4 Windows Defender Permissions

Click on more info and click on Run anyway on windows defender screen to continue installation

| Windows protected your PC<br>Microsoft Defender SmartScreen prevented an unrecognized app from<br>starturg. Run ing this app might put your PC at risk.                         |   |  |  |  |
|---|---|--|--|--|
| More info   |   |  |  |  |
|   |   |  |  |  |
| Don't run   |   |  |  |  |
| (a) Select Destination  |   |  |  |  |
| Windows protected your PC   | × |  |  |  |
|   |   |  |  |  |
| Microsoft Defender SmartScreen prevented an unrecognized app from<br>starting. Running this app might put your PC at risk.<br>App: MSTrIPES.exe<br>Publisher: Unknown publisher |   |  |  |  |

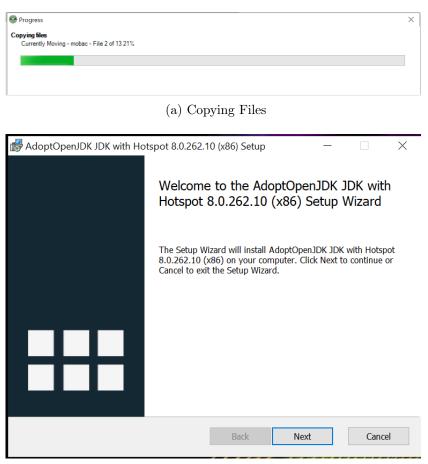
(b) Select Destination

Run anyway

Don't run

## 2.5 Install JAVA

Double click on MSTRiPES.exe to run the installer, click on next for adoptOpenJDK then Click on "I Accept the terms in the Licence Agreement" again click on next for custom setup, after that click on Install and then finish after completion.



(b) Adopt Open JDK setup

### Click on Next

| AdoptOpenJDK JDK with Hotspot 8.0.262.10 (x86) Setup -   | $\times$ |  |  |  |  |
|--|----------|--|--|--|--|
| End-User License Agreement   |          |  |  |  |  |
| Please read the following license agreement carefully  |          |  |  |  |  |
|  |          |  |  |  |  |
| GNU GENERAL PUBLIC LICENSE<br>Version 2, June 1991   | ^        |  |  |  |  |
| Copyright (C) 1989, 1991 Free Software Foundation, Inc.<br>59 Temple Place - Suite 330, Boston, MA 02111-1307, USA   |          |  |  |  |  |
| Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.   |          |  |  |  |  |
| Preamble<br>The licenses for most software are designed to take away your freedom to<br>share and change it. By contrast, the GNU General Public License is<br>intended to guarantee your freedom to share and change free softwareto<br>make sure the software is free for all its users. This General Public |          |  |  |  |  |
| $\checkmark$ I accept the terms in the License Agreement   |          |  |  |  |  |
| Print Back Next Cance  | el       |  |  |  |  |
| (a) User Licence   |          |  |  |  |  |
| AdoptOpenJDK JDK with Hotspot 8.0.262.10 (x86) Setup —   | ×        |  |  |  |  |
| Custom Setup<br>Select the way you want features to be installed.  |          |  |  |  |  |
| Select the way you want reactives to be installed.   |          |  |  |  |  |

Click the icons in the tree below to change the way features will be installed.

| Astronomy Astronomy Astronomy Astronomy | h Hotspot<br>d to PATH<br>sociate .jar<br>t JAVA_HOME variable<br><i>v</i> aSoft (Oracle) registry keys |        | Hotspot<br>This featu<br>hard drive | nJDK Developm<br>re requires 185N<br>. It has 2 of 4 su<br>Fhe subfeatures<br>ard drive. | 1B on your<br>ubfeatures |
|---|---|--------|-------------------------------------|--|--------------------------|
| Location:                               | C:\Program Files<br>(x86)\AdoptOpenJDK\jdk-8.0  | .262.1 | 0-hotspot                           |  | Browse                   |
| Reset                                   | Disk Usage  |        | Back                                | Next   | Cancel                   |

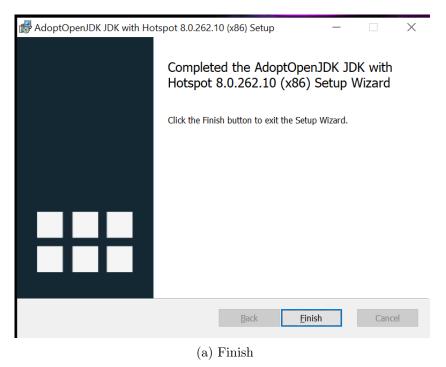
(b) Custom setup

## Click on Install

| AdoptOpenJDK JDK with Hotspot 8.0.262   | 10 (x86) Setup      | —                  |              |
|---|---------------------|--------------------|--------------|
| Ready to install AdoptOpenJDK JDK v   | vith Hotspot 8      | .0.262.10 (x86)    |              |
| Click Install to begin the installation. Click Ba<br>settings. Click Cancel to exit the wizard. | ick to review or cl | nange any of your  | installation |
|   | Back                | Install            | Cancel       |
|   |                     |                    |              |
| (a) Ir  | stallation          |                    |              |
| AdoptOpenJDK JDK with Hotspot 8.0.262.  | 10 (x86) Setup      | —                  |              |
| Installing AdoptOpenJDK JDK with H  | lotspot 8.0.26      | 2.10 (x86)         | ===          |
| Please wait while the Setup Wizard installs Ad  | optOpenJDK JDK      | with Hotspot 8.0.2 | 62.10 (x86). |
| Status: Copying new files   |                     |                    |              |
| -   |                     |                    |              |
|   |                     |                    |              |
|   |                     |                    |              |
|   |                     |                    |              |
|   | Back                | Next               | Cancel       |

#### (b) Installation Processing

Click on Finish



## 2.6 Install Postgres

Click on yes to install postgres, click "I Agree" for license, click next for components and install location, click on yes for bundle setup and Click on "Close" after completing the installation.

Click on "Yes" and "I Agree" for below screens

| Postgres Installation   | $\times$ |  |  |  |  |
|---|----------|--|--|--|--|
| Would you like to install Postgres?   |          |  |  |  |  |
| Yes No  |          |  |  |  |  |
| (a) Postgres Installation   |          |  |  |  |  |
| 📲 Setup — 🗆   | ×        |  |  |  |  |
| Installing<br>Unpacking C:\Program []\postgresql\html\error-message-reporting.html  |          |  |  |  |  |
| (b) Setup   |          |  |  |  |  |
| PostGIS Bundle 2.5.1 for PostgreSQL x64 9.5 Setup     Iicense Agreement     Please review the license terms before installing PostGIS Bun     2.5.1 for PostgreSQL x64 9.5.   | ×        |  |  |  |  |
| Press Page Down to see the rest of the agreement.   |          |  |  |  |  |
| GNU GENERAL PUBLIC LICENSE<br>Version 2, June 1991  | ^        |  |  |  |  |
| Copyright (C) 1989, 1991 Free Software Foundation, Inc.<br>59 Temple Place, Suite 330, Boston, MA 02111-1307 USA<br>Everyone is permitted to copy and distribute verbatim copies<br>of this license document, but changing it is not allowed. |          |  |  |  |  |
| Preamble  |          |  |  |  |  |
| The licenses for most software are designed to take away your v<br>If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install PostGIS Bundle 2.5.1 for PostgreSQL x64 9.5.                 |          |  |  |  |  |
| Nullsoft Install System v3.02.1   | el       |  |  |  |  |

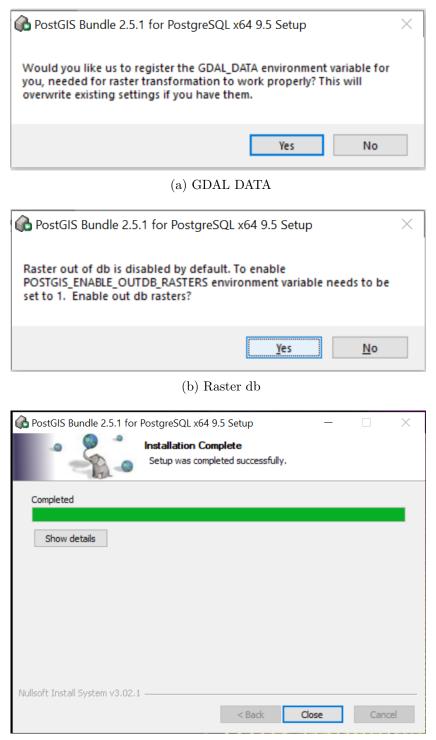
(c) User License

Click on Next for below screens

| 🚯 PostGIS Bundle 2.5.1 for  | PostgreSQL x64 9.5 Setup   | - 🗆 X   |  |  |  |  |  |
|---|--|---|--|--|--|--|--|
|   | Choose Components<br>Choose which features of PostGI<br>x64 9.5 you want to install. | S Bundle 2.5.1 for PostgreSQL   |  |  |  |  |  |
| Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.  |  |   |  |  |  |  |  |
| Select components to insta  | II: PostGIS<br>Create spatial database   | Description<br>Position your mouse<br>over a component to<br>see its description, |  |  |  |  |  |
| Space required: 186.7 MB  |  |   |  |  |  |  |  |
| Nullsoft Install System v3,02,  |  |   |  |  |  |  |  |
|   | < Back   | Next > Cancel   |  |  |  |  |  |
|   | (a) Choose Componen  | its   |  |  |  |  |  |
| PostGIS Bundle 2.5.1 for  | PostgreSQL x64 9.5 Setup   | - 🗆 X   |  |  |  |  |  |
|   | Choose Install Location<br>Choose the folder in which to ins<br>PostgreSQL x64 9.5.  | tall PostGIS Bundle 2.5.1 for   |  |  |  |  |  |
| Setup will install PostGIS Bundle 2.5.1 for PostgreSQL x64 9.5 in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue. |  |   |  |  |  |  |  |
| Destination Folder  |  |   |  |  |  |  |  |
| C:\Program Files\PostgreSQL\9.5\ Browse   |  |   |  |  |  |  |  |
| Space required: 186.7 MB<br>Space available: 116.7 GB   | Space required: 186.7 MB<br>Space available: 116.7 GB                                |   |  |  |  |  |  |
| Nullsoft Install System v3.02.  | 1  |   |  |  |  |  |  |
|   | < Back   | Next > Cancel   |  |  |  |  |  |

#### (b) Installation Location

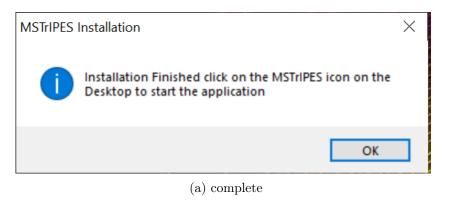
Click on "yes" and "close" for below screens



#### (c) Installation Completion

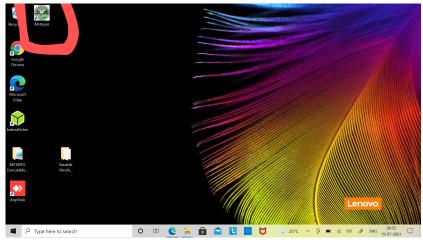
## 2.7 Installation Complete

Wait for the Window which shows "Mstripes installation Completed" and Click on "OK".



## 2.8 Application Launch

Double click on the MSTrIPES icon on the desktop to launch the application.



(a) Application Launching

## 2.9 Application Home

Monitoring System for Tigers - Intensive Protection and Ecological Status M-STrIPES ? Help 😕 Exit Process started to create / update database, it may take 10 to 15 minutes. Please wait! Patrol Module Ecology Module Polygon Module Administrative Module 🛚 🏋 veofite everite rivere 8 🚳 (a) Database updation processing M-STrIPES Monitoring System for Tigers - Intensive Protection and Ecological Status ? Help × Exi Database updated successfully. Please select module to continue work. Administrative Patrol Module Ecology Module Polygon Module Module 🗱 भारतीय वन्यजीव संस्थान 🍭 🥹 ed by K

Wait for the application to launch till the database updated successfully as shown below.

#### (b) Database updation completed

## 3 Post Installation Checks

## 3.1 Database Check

Check whether the database is up to date or not by click on admin and then click on data base. If the desktop database is not up to date then we need to update.



## 3.2 Import GIS Check

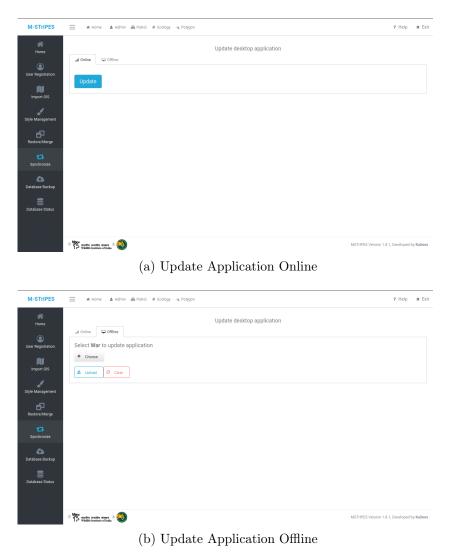
Import GIS enables users to import administrative boundaries like Divisions, Ranges, Beat (shape files) in database format from server. The data imported into a desktop is shown as a list in the same page. This can also be downloaded and shared to other desktops which do not have internet connectivity.

The offline upload expects a zip file exported from other desktop. Once the upload is completed admin boundaries are imported into the local system.

|   | 🗮 🖷 Home 🎍 Admin 🙈 Patrol 🄌 Ecology ⊰ Polygon                       | ? Help 🗙                      | t Exit |
|---|---|-------------------------------|--------|
| A<br>Home   | Import GIS  |                               |        |
| (Ser Registration   | State Select State  |                               |        |
| N   | Division Select Division  |                               |        |
| Import GIS  | B import C Clear  |                               |        |
| Style Management  | No matching records found   |                               |        |
| Restore/Merge   |   |                               |        |
| Synchronize   |   |                               |        |
| 8   |   |                               |        |
| Database Backup   |   |                               |        |
| Database Status   |   |                               |        |
|   |   |                               |        |
|   | ି 🏋 ଅଧିକ କଥାବା କଳେ 🕯 🍪 MSTIPES V                                    | ersion 1.8.1, Developed by Ka | aiinos |
|   | (a) Online Import GIS   |                               |        |
|   |   |                               |        |
| M-STrIPES   |   |                               |        |
|   | 🗮 🐗 Home 🛔 Admin 🙈 Patrol 🄌 Ecology 🤸 Polygon                       | ? Help 🗙                      | ¢ Exit |
| A Home  | Import GIS  | ? Help 🗙                      | C Exit |
| Home  |   | ? Help x                      | ¢ Exit |
| Home<br>Electronic<br>User Registration   | Import GIS  | 7 Help 🗴                      | ¢ Exit |
| Home<br>E<br>User Registration  | Import GIS Select zip to import data                                | ? Help 🛪                      | ¢ Exit |
| Home<br>User Registration   | Import GIS Select zip to Import data + crosse                       | 7 Help x                      | ¢ Exit |
| Home<br>User Registration<br>Import GIS   | Import GIS Select zip to Import data + crosse                       | ₹ Help x                      | ¢ Exit |
| Hone<br>User Registration<br>Import GE<br>Style Management<br>Restore Merge   | Import GIS Select zip to Import data + crosse                       | 7 Help 🗴                      | ¢ Exit |
| icone<br>User Registration<br>Import OS<br>Style Management<br>Restorer.Merge<br>Style Data   | Import GIS Select zip to Import data + crosse                       | 7 Help x                      | ¢ Exit |
| tione<br>User Registration<br>Import 05<br>Style Management<br>Externer/Merge<br>Synchronize<br>Diababase Backup                            | Import GIS Select zip to Import data + crosse                       | 7 Help x                      | ¢ Exit |
| Hone<br>User Registration<br>Import GIS<br>Style Management<br>Restore Merge<br>Synchronize   | Import GIS Select zip to Import data + crosse                       | 7 Help x                      | ¢ Exit |
| tione<br>User Registration<br>Figure Registration<br>Figure Nature<br>Style Management<br>Restore / Merge<br>Synchronize<br>Database Backup | Import GIS Select zip to Import data + crosse                       | 7 Help x                      | ¢ Exit |
| tione<br>User Registration<br>Figure Registration<br>Figure Nature<br>Style Management<br>Restore / Merge<br>Synchronize<br>Database Backup | Import GIS<br>Select zip to Import data<br>• crosse<br>B upper Cerr | 7 Help X                      |        |

## 3.3 Software Update Check

Check for any software updates by click on admin then click on synchronize to update the application through online or offline .



| M-STrIPES                | 🗮 🐗 Home 🌢 Admin 🙈 Patrol 🌲 Ecology 🔸 Polygon   | <b>?</b> Help                     | × Exit     |
|--------------------------|---|-----------------------------------|------------|
| A<br>Home                | Update desktop applica  | ation                             |            |
| (S)<br>User Registration |   |                                   |            |
| Import GIS               | Application is upto date  |                                   |            |
| Style Management         |   |                                   |            |
| Restore/Merge            |   |                                   |            |
| C.<br>Synchronize        |   |                                   |            |
| Ca<br>Database Backup    |   |                                   |            |
| Database Status          |   |                                   |            |
|                          | Strategy survey and | MSTrIPES Version 1.8.1, Developed | by Kaiinos |
|                          | (a) Unto data   |                                   |            |

(a) Upto date